



DVM System

FJM System

CAC System





Control System

Eco Heating System



Lineup - Outdoor Units



DVM S HP / HR

					SINGLE																										
	IMAGE	MODEL	CAPACITY	8	10	12	14	16	18	20	22		24	26	28	30	32	34	36	38	40	42	44	46	48	50	52				
COMPACT MODULE		AM080FXVAGH	8 HP	1																											
		AM100FXVAGH	10 HP		1																										
		AM120FXVAGH	12 HP			1								2	1	1	1	1	1						2	1	1	1			
		AM140FXVAGH	14 HP				1							1					1						1						
		AM160FXVAGH	16 HP					1							1					1						1					
		AM180FXVAGH	18 HP						1							1											1				
		AM200FXVAGH	20 HP							1							1				2	1									
		AM220FXVAGH	22 HP								1								1	1	1		1	2	1	1	1	1			
				SINGLE																											
HIGH EFFICIENCY MODULE	IMAGE	MODEL	CAPACITY	8	10	12	14	16	18	20	22		24	26	28	30	32	34	36	38	40	42	44	46	48						
		RD080HHXGB (RD080HRXGB)	8 HP	1						1		1							1												
		RD100HHXGB (RD100HRXGB)	10 HP		1					1	2								1	2	1										
		RD120HHXGB (RD120HRXGB)	12 HP			1								1	1						1	2	1	1							
		RD140HHXGB (RD140HRXGB)	14 HP				1					1		1		1						1			1						
		RD160HHXGB (RD160HRXGB)	16 HP						1							1	1	2	1	1	1	1	1	2	2	3					

* If you wish to install outdoor unit module with capacity over 60 HP, please contact local Samsung Dealer.



Lineup - Outdoor Units

DVM S HP / HR				MODULE															
	IMAGE	MODEL	CAPACITY	54	56	58	60	62	64	66	68		70	72	74	76	78	80	
COMPACT MODULE		AM080FXVAGH	8 HP																
		AM100FXVAGH	10 HP																
		AM120FXVAGH	12 HP	1	1						2			1	1	1	1	1	
		AM140FXVAGH	14 HP			1								1					1
		AM160FXVAGH	16 HP				1								1				
		AM180FXVAGH	18 HP													1			
		AM200FXVAGH	20 HP	1					2	1								1	
		AM220FXVAGH	22 HP		2	2	2	1	2	3	2			2	2	2	2	3	3



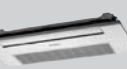
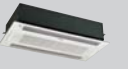





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DVM Mini				
IMAGE	CAPACITY	4HP	5HP	6HP
	PHASE			
	1 Phase	●	●	●
	3 Phase	●	●	●










Lineup & Feature - Indoor Units









Cassette

MODEL					
CAPACITY (kW)	2.2		●	●	
	2.8		●	●	
	3.6		●	●	
	4.5	●	●		
	5.6	●	●		●
	6.0		●		
	7.1	●			●
	9.0	●			
	11.2	●			
	12.8	●			
	14.0	●			
FEATURES	 Powerful Airflow	●	●	●	
	 Ceiling Dust Prevention	●	●	●	
	 Fresh Air Intake	●	●		
	 High Lift-up Drain Pump	●	●	●	●
	 Sub Duct	●	●		








Duct

MODEL				
CAPACITY	2.2		●	●
	2.8		●	●
	3.6		●	●
	4.5		●	●
	5.6		●	●
	7.1		●	●
	9.0		●	●
	11.2	●	●	●
	12.8	●	●	●
	14.0	●	●	●
	22.0	●		
	28.0	●		
FEATURES	 Anti-virus Filter	●	●	●
	 Easy Filter Cleaning	●	●	●
	 High Lift-up Drain Pump	●	●	●
	 Smart Pressure Control	●	●	●



Wall-mounted

MODEL			
CAPACITY	2.2	●	●
	2.8	●	●
	3.6	●	●
	4.5		●
	5.6	●	●
	7.1	●	●
FEATURES	 S-Plasma ion		
	 Full HD Filter		
	 Deodorizing Filter	●	●
	 Catechin Filter		
	 good sleep	●	●
	 Turbo Cooling		

Console & Ceiling

MODEL			
CAPACITY	2.8	●	
	3.6		
	5.6	●	●
	7.1		●
FEATURES	 S-Plasma ion	●	
	 Interior Design	●	●
	 Anti-virus Filter	●	●
	 Lightweight Unit	●	●
	 Flexible Pipe Installation	●	●



Concealed

MODEL			
CAPACITY	3.6	●	●
	5.6	●	●
	7.1	●	●

DVM Lineup - ERV

Model \ Air Volume (m³/hr)	250	350	500	800	1000
ERV PLUS			 RHF050KHEA		 RHF100KHEA
ERV	 RHF025EE	 RHF035EE	 RHF050EE	 RHF080EE	 RHF100EE

DVM Feature - ERV

	 ERV PLUS	 ERV
Damper	●	●
Direct Expansion (DX) Coil	●	
Humidifier element (Optional)	●	
Supply/Exhaust Fan	●	●
Dust Filter	●	●
Heat Exchanger Element	●	●
Control Box	●	●
Temperature Sensor	●	●
CO ₂ Sensor (Optional)	●	●
BLDC Fan Motor	●	●
Energy Saving Operation (Auto Mode)	●	●
New Diamond Type Element	●	●
Flexible Installation		●
Slim Design	●	●
Silent Operation	●	●
S-Plasma ion (Optional)	●	●



DVM Specification - Outdoor Units



DVM S
DIGITAL VARIABLE MULTI

DVM S HP COMPACT MODULE

Model Name				DVM S HP	AM080FXVAGH/EU	AM100FXVAGH/EU	AM120FXVAGH/EU	AM140FXVAGH/EU	AM160FXVAGH/EU	AM180FXVAGH/EU
				DVM S HR	AM080FXVAGR/EU	AM100FXVAGR/EU	AM120FXVAGR/EU	AM140FXVAGR/EU	AM160FXVAGR/EU	AM180FXVAGR/EU
Power Supply				Φ, #, V, Hz	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Mode				-	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	HP			HP	8.00	10.00	12.00	14.00	16.00	18.00
		Cooling		kW	22.40	28.00	33.60	40.00	45.00	50.40
	Capacity (Nominal)			Btu/h	76,400	95,500	114,600	136,500	153,500	172,000
				kW	25.20	31.50	37.80	45.00	50.00	56.70
Power		Heating		Btu/h	86,000	107,500	129,000	153,500	170,600	193,500
				kW	5.00	6.80	8.40	8.90	11.00	12.88
	Power Input (Nominal)	Cooling 1)		5.10	6.70	8.70	9.50	11.50	11.90	
				8.00	10.90	13.50	14.30	17.60	20.70	
	Current Input (Nominal)	Cooling 1)		8.20	10.70	14.00	15.20	18.40	19.10	
			Heating 2)	A	22.50 (MCA)	29.90 (MCA)	31.30 (MCA)	31.30 (MCA)	40.00 (MCA)	48.90 (MCA)
COP	MFA		A	30.00	40.00	40.00	40.00	40.00	50.00	
	Nominal Cooling 1)		-	4.48	4.12	4.00	4.49	4.09	3.91	
Compressor	Nominal Heating 2)		-	4.94	4.70	4.34	4.74	4.35	4.76	
	Type	x n	-	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 1	SSC Scroll x 2	SSC Scroll x 2	
Fan	Output		kW x n	(4.96)	(6.13)	(6.13)	(6.13)	(6.13x2)	(6.13x2)	
	Model Name		-	DS-GB052FAVASG x 1	DS-GB066FAVASG x 1	DS-GB066FAVASG x 1	DS-GB066FAVASG x 1	DS-GB052FAVASG x 2	DS-GB066FAVASG x 2	
	Oil	Type	-	PVE	PVE	PVE	PVE	PVE	PVE	
		Initial Charge	cc	2300	2300	2300	2300	4600	4600	
	Type	-	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n		W	400 x 1	400 x 1	400 x 1	620 x 2	620 x 2	620 x 2	
	Air Flow Rate		CMM	145	145	190	260	260	270	
			l/s	2,416.67	2,416.67	3,166.67	4,333.33	4,333.33	4,500.00	
Piping Connections	External Static Pressure		Max.	mmAq	8.00	8.00	8.00	8.00	8.00	8.00
		Pa		78.45	78.45	78.45	78.45	78.45	78.45	
	Liquid Pipe		Φ, mm	9.52	9.52	12.70	12.70	12.70	15.88	
			Φ, inch	3/8"	3/8"	1/2"	1/2"	1/2"	5/8"	
	Gas Pipe		Φ, mm	19.05	22.23	28.58	28.58	28.58	28.58	
			Φ, inch	3/4"	7/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	
	Discharge Gas Pipe	(HR)	Φ, mm	15.88	19.05	19.05	22.23	22.23	22.23	
			Φ, inch	5/8"	3/4"	3/4"	7/8"	7/8"	7/8"	
	Oil Equalizing Pipe		Φ, mm	-	-	-	-	-	-	
			Φ, inch	-	-	-	-	-	-	
Field Wiring	Installation	Max. Length	m	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)	
	Limitation	Max. Height	m	110(40)	110(40)	110(40)	110(40)	110(40)	110(40)	
Refrigerant	Power Source Wire		mm2	-	-	-	-	-	-	
	Transmission Cable		mm2	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	
Sound	Type	-	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging		kg	5.50	5.20	5.50	7.70	7.40	8.70	
External Dimension	Sound Pressure		dB(A)	57.0 / 77.0	58.0 / 79.0	62.0 / 81.0	61.0 / 81.0	63.0 / 83.0	64.0 / 86.0	
	Sound Power		-	-	-	-	-	-	-	
Operating Temp. Range	Net Weight	DVM S HP	190.0	190.0	190.0	235.0	278.0	300.0		
		DVM S HR	195.0	195.0	195.0	241.0	284.0	306.0		
	Shipping Weight	DVM S HP	206.0	206.0	206.0	254.0	297.0	319.0		
		DVM S HR	211.0	211.0	211.0	260.0	303.0	325.0		
	Net Dimensions (WxHxD)		mm	880 x 1,695 x 765	880 x 1,695 x 765	880 x 1,695 x 765	1,295 x 1,695 x 765	1,295 x 1,695 x 765		
Shipping Dimensions (WxHxD)		mm	948 x 1,857 x 832	948 x 1,857 x 832	948 x 1,857 x 832	1,363 x 1,857 x 832	1,363 x 1,857 x 832	1,363 x 1,857 x 832		
	Cooling	°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0		
	Heating	°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0		

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* The maximum height of installation limitation for piping connections is only allowable when using PDM kits.

DVM Specification - Outdoor Units



DVM S
DIGITAL VARIABLE MULTI

DVM S HP COMPACT MODULE

Model Name				DVM S HP	AM200FXVAGH/EU	AM220FXVAGH/EU	AM240FXVAGH/EU	AM260FXVAGH/EU	AM280FXVAGH/EU	AM300FXVAGH/EU
				DVM S HR	AM200FXVAGR/EU	AM220FXVAGR/EU	AM240FXVAGR/EU	AM260FXVAGR/EU	AM280FXVAGR/EU	AM300FXVAGR/EU
Power Supply				Φ, #, V, Hz	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Mode				-	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	HP		HP	20.00	22.00	24.00	26.00	28.00	30.00	
			kW	56.00	61.60	67.20	73.60	78.60	84.00	
	Capacity (Nominal)	Cooling	Btu/h	191,100	210,200	229,300	251,100	268,200	286,600	
			kW	63.00	69.30	75.60	82.80	87.80	94.50	
Power		Heating	Btu/h	215,000	236,500	258,000	282,500	299,600	322,400	
			kW	15.19	17.35	16.80	17.30	19.40	21.28	
	Power Input (Nominal)	Cooling 1)		13.90	16.70	17.40	18.20	20.20	20.60	
				Cooling 2)	kW	24.40	27.80	27.00	27.80	31.10
	Current Input (Nominal)	Heating 1)	A			22.30	26.80	28.00	29.20	32.40
				MCA		52.50 (MCA)	55.60 (MCA)	-	-	-
MFA		A	75.00			-	-	-	-	
COP	Nominal Cooling 1)			-	3.69	3.55	4.00	4.25	4.05	3.95
	Nominal Heating 2)			-	4.53	4.15	4.34	4.55	4.35	4.59
Compressor	Type			-	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 2	SSC Scroll x 3	SSC Scroll x 3
	Output			kW x n	(6.13x2)	(6.13x2)	(6.13)x2	(6.13) + (6.13)	(6.13) + (4.96x2)	(6.13) + (6.13x2)
	Model Name			-	DS-GB066FAVASG x 2	DS-GB066FAVASG x 2	DS-GB066FAVASG x 2	DS-GB066FAVASG x 2	DS-GB066FAVASG x 1 + DS-GB052FAVASG x 2	DS-GB066FAVASG x 3
	Oil	Type	-	PVE	PVE	PVE	PVE	PVE	PVE	PVE
			Initial Charge	cc	4600	4600	4600	6900	6900	
	Fan	Type			-	Propeller	Propeller	Propeller	Propeller	Propeller
Output x n			W	620 x 2	620 x 2	(400 x 1) x 2	400 x 1 + 620 x 2	400 x 1 + 620 x 2	400 x 1 + 620 x 2	
Air Flow Rate			CMM	275	295	190 x 2	190 + 260	190 + 270		
			l/s	4,583.33	4,916.67	3,166.67 x 2	3,166.67 + 4,333.33	3,166.67 + 4,500.00		
External Static Pressure		Max.	mmAq	8.00	8.00	8.00	8.00	8.00	8.00	
	Pa		78.45	78.45	78.45	78.45	78.45	78.45		
Piping Connections	Liquid Pipe		Φ, mm	15.88	15.88	15.88	19.05	19.05	19.05	
			Φ, inch	5/8"	5/8"	5/8"	3/4"	3/4"	3/4"	
	Gas Pipe		Φ, mm	28.58	28.58	28.58	34.93	34.93	34.93	
			Φ, inch	1 1/8"	1 1/8"	1 1/8"	1 3/8"	1 3/8"	1 3/8"	
	Discharge Gas Pipe	(HR)	Φ, mm	28.58	28.58	28.58	28.58	28.58	28.58	
			Φ, inch	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	
	Oil Equalizing Pipe		Φ, mm	-	-	-	-	-	-	
			Φ, inch	-	-	-	-	-	-	
	Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)	
Max. Height			m	110(40)	110(40)	110(40)	110(40)	110(40)	110(40)	
Field Wiring	Power Source Wire			mm2	-	-	-	-	-	
	Transmission Cable			mm2	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	
Refrigerant	Type			-	R410A	R410A	R410A	R410A	R410A	
	Factory Charging			kg	8.40	8.40	11.00	13.20	12.90	14.20
Sound	Sound Pressure			dB(A)	65.0 / 87.0	65.0 / 87.0	-	-	-	-
	Sound Power			-	-	-	-	-	-	-
External Dimension	Net Weight	DVM S HP	kg	300.0	300.0	190.0 x 2	190.0 + 235.0	190.0 + 278.0	190.0 + 300.0	
				DVM S HR	306.0	306.0	195.0 x 2	195.0 + 241.0	195.0 + 284.0	195.0 + 306.0
	Shipping Weight	DVM S HP	kg	319.0	319.0	206.0 x 2	206.0 + 254.0	206.0 + 297.0	206.0 + 319.0	
				DVM S HR	325.0	325.0	211.0 x 2	211.0 + 260.0	211.0 + 303.0	211.0 + 325.0
	Net Dimensions (WxHxD)			mm	1,295 x 1,695 x 765	1,295 x 1,695 x 765	(880 x 1,695 x 765) x 2	880 x 1,695 x 765 + 1,295 x 1,695 x 765	880 x 1,695 x 765 + 1,295 x 1,695 x 765	
	Shipping Dimensions (WxHxD)			mm	1,363 x 1,857 x 832	1,363 x 1,857 x 832	(948 x 1,857 x 832) x 2	948 x 1,857 x 832 + 1,363 x 1,857 x 832	948 x 1,857 x 832 + 1,363 x 1,857 x 832	
Operating Temp. Range	Cooling			°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	
	Heating			°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	

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DVM Specification - Outdoor Units



DVM S
DIGITAL VARIABLE MULTI

DVM S HP COMPACT MODULE

Model Name				DVM S HP	AM320FXVAGH/EU	AM340FXVAGH/EU	AM360FXVAGH/EU	AM380FXVAGH/EU	AM400FXVAGH/EU	AM420FXVAGH/EU
Power Supply				DVM S HR	AM320FXVAGR/EU	AM340FXVAGR/EU	AM360FXVAGR/EU	AM380FXVAGR/EU	AM400FXVAGR/EU	AM420FXVAGR/EU
Mode				Φ, #, V, Hz	-	-	-	-	-	-
Performance	HP	Cooling	HP / HR	-	32.00	34.00	36.00	38.00	40.00	42.00
			kW	-	89.60	95.20	101.60	106.60	112.00	117.60
	Capacity (Nominal)	Heating	Btu/h	-	305,700	324,800	346,700	363,700	382,200	401,300
			kW	-	100.80	107.10	114.30	119.30	126.00	132.30
Power	Power Input (Nominal)	Cooling 1)	Btu/h	-	343,900	365,400	390,000	407,100	429,900	451,400
				-	-	-	-	-	-	-
	Current Input (Nominal)	Heating 2)	kW	-	23.59	25.75	26.25	28.35	30.38	32.54
			A	-	22.60	25.40	26.20	28.20	27.80	30.60
COP	MCA	Heating 2)	A	-	37.90	41.30	42.10	45.40	48.80	52.20
				-	36.30	40.80	42.00	45.20	44.60	49.10
	MFA	Heating 2)	A	-	-	-	-	-	-	-
				-	-	-	-	-	-	-
Compressor	Nominal Cooling 1)	Nominal Heating 2)	-	-	3.80	3.70	3.87	3.76	3.69	3.61
				-	4.46	4.22	4.36	4.23	4.53	4.32
Fan	Type	Output	kW x n	-	SSC Scroll x 3	SSC Scroll x 3	SSC Scroll x 3	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4
				-	(6.13) + (6.13x2)	(6.13) + (6.13x2)	(6.13) + (6.13x2)	(4.96x2) + (6.13x2)	(6.13x2)x2	(6.13x2) + (6.13x2)
	Model Name	Type	Initial Charge	-	DS-GB066FAVASG x 3	DS-GB066FAVASG x 3	DS-GB066FAVASG x 3	DS-GB052FAVASG x 2 + DS-GB066FAVASG x 2	DS-GB066FAVASG x 4	DS-GB066FAVASG x 4
				-	PVE	PVE	PVE	PVE	PVE	PVE
Piping Connections	Oil	Type	Initial Charge	-	6900	6900	6900	9200	9200	9200
				-	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller
	Output x n	Air Flow Rate	CMM	-	400 x 1 + 620 x 2	400 x 1 + 620 x 2	(620 x 2) x 2	(620 x 2) x 2	(620 x 2) x 2	(620 x 2) x 2
				-	190 + 275	190 + 295	260 + 295	260 + 295	275 x 2	275 + 295
Field Wiring	External Static Pressure	Max.	mmHg	-	3,166.67 + 4,583.33	3,166.67 + 4,916.67	4,333.33 + 4,916.67	4,333.33 + 4,916.67	4,583.33 x 2	4,583.33 + 4,916.67
				-	8.00	8.00	8.00	8.00	8.00	8.00
	Liquid Pipe	Φ, mm	Pa	-	19.05	19.05	19.05	19.05	19.05	19.05
				-	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Refrigerant	Gas Pipe	Φ, mm	(HR)	-	34.93	34.93	41.30	41.30	41.30	41.30
				-	1 3/8"	1 3/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"
	Discharge Gas Pipe	Φ, mm	Φ, inch	-	28.58	28.58	34.93	34.93	34.93	34.93
				-	1 1/8"	1 1/8"	1 1/8"	1 3/8"	1 3/8"	1 3/8"
Sound	Oil Equalizing Pipe	Φ, mm	Φ, inch	-	-	-	-	-	-	-
				-	-	-	-	-	-	-
	Installation Limitation	Max. Length	Max. Height	-	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)
				-	110(40)	110(40)	110(40)	110(40)	110(40)	110(40)
External Dimension	Power Source Wire	Transmission Cable	mm2	-	-	-	-	-	-	-
				-	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
	Type	Factory Charging	kg	-	R410A	R410A	R410A	R410A	R410A	R410A
				-	13.90	13.90	16.10	15.80	16.80	16.80
Operating Temp. Range	Sound Pressure	Sound Power	dB(A)	-	-	-	-	-	-	-
				-	-	-	-	-	-	-
	Net Weight	DVM S HP	kg	-	190.0 + 300.0	190.0 + 300.0	235.0 + 300.0	278.0 + 300.0	300.0 x 2	300.0 x 2
				-	195.0 + 306.0	195.0 + 306.0	241.0 + 306.0	284.0 + 306.0	306.0 x 2	306.0 x 2
Shipping Dimensions	Shipping Weight	DVM S HP	kg	-	206.0 + 319.0	206.0 + 319.0	254.0 + 319.0	297.0 + 319.0	319.0 x 2	319.0 x 2
				-	211.0 + 325.0	211.0 + 325.0	260.0 + 325.0	303.0 + 325.0	325.0 x 2	325.0 x 2
	Net Dimensions (WxHxD)	mm	mm	-	880 x 1,695 x 765 + 1,295 x 1,695 x 765	880 x 1,695 x 765 + 1,295 x 1,695 x 765	(1,295 x 1,695 x 765) x 2	(1,295 x 1,695 x 765) x 2	(1,295 x 1,695 x 765) x 2	(1,295 x 1,695 x 765) x 2
				-	948 x 1,857 x 832 + 1,363 x 1,857 x 832	948 x 1,857 x 832 + 1,363 x 1,857 x 832	(1,363 x 1,857 x 832) x 2	(1,363 x 1,857 x 832) x 2	(1,363 x 1,857 x 832) x 2	(1,363 x 1,857 x 832) x 2
Operating Temp. Range	Cooling	°C	°C	-	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
				-	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0

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* The maximum height of installation limitation for piping connections is only allowable when using PDM kits.

DVM Specification - Outdoor Units



DVM S
DIGITAL VARIABLE MULTI

DVM S HP COMPACT MODULE

Model Name				DVM S HP	AM440FXVAGH/EU	AM460FXVAGH/EU	AM480FXVAGH/EU	AM500FXVAGH/EU	AM520FXVAGH/EU	AM540FXVAGH/EU
				DVM S HR	AM440FXVAGR/EU	AM460FXVAGR/EU	AM480FXVAGR/EU	AM500FXVAGR/EU	AM520FXVAGR/EU	AM540FXVAGR/EU
Power Supply				Φ, #, V, Hz	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Mode				-	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	HP	Cooling	HP	44.00	46.00	48.00	50.00	52.00	54.00	54.00
			kW	123.20	128.80	135.20	140.20	145.60	151.20	151.20
	Capacity (Nominal)	Heating	Btu/h	420,400	439,500	461,300	478,400	496,800	515,900	515,900
			kW	138.60	144.90	152.10	157.10	163.80	170.10	170.10
Power	Power Input (Nominal)	Cooling 1)	kW	34.70	34.15	34.65	36.75	38.63	40.94	40.94
				33.40	34.10	34.90	36.90	37.30	39.30	39.30
	Current Input (Nominal)	Cooling 1)	A	55.60	54.80	55.60	58.90	62.00	65.70	65.70
				53.60	54.80	56.00	59.20	59.90	63.10	63.10
COP	MCA	Heating 2)	A	-	-	-	-	-	-	-
				-	-	-	-	-	-	-
	Nominal Cooling 1)	Heating 2)	A	3.55	3.77	3.90	3.81	3.77	3.69	3.69
				4.15	4.25	4.36	4.26	4.39	4.33	4.33
Compressor	Type	kW x n	-	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 4	SSC Scroll x 5	SSC Scroll x 5	SSC Scroll x 5	SSC Scroll x 5
				(6.13x2) x 2	(6.13x2) x 2	(6.13) + (6.13x2)	(6.13) + (4.96x2) + (6.13x2)	(6.13) + (6.13x2) + (6.13x2)	(6.13) + (6.13x2) + (6.13x2)	(6.13) + (6.13x2) + (6.13x2)
	Model Name	Type	-	DS-GB066FAVASG x 4	DS-GB066FAVASG x 4	DS-GB066FAVASG x 4	DS-GB066FAVASG x 3 + DS-GB052FAVASG x 2	DS-GB066FAVASG x 5	DS-GB066FAVASG x 5	DS-GB066FAVASG x 5
				PVE	PVE	PVE	PVE	PVE	PVE	PVE
Fan	Oil	Initial Charge	cc	9200	9200	9200	11500	11500	11500	11500
				Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller
	Output x n	W	-	(620 x 2) x 2	(400 x 1) x 2 + 620 x 2	400 x 1 + (620 x 2) x 2	400 x 1 + (620 x 2) x 2	400 x 1 + (620 x 2) x 2	400 x 1 + (620 x 2) x 2	400 x 1 + (620 x 2) x 2
				295 x 2	190 x 2 + 295	190 + 260 + 295	190 + 260 + 295	190 + 270 + 295	190 + 275 + 295	190 + 275 + 295
Piping Connections	Air Flow Rate	CMM	-	4,916.67 x 2	3,166.67 x 2 + 4,916.67	3,166.67 + 4,333.33 + 4,916.67	3,166.67 + 4,333.33 + 4,916.67	3,166.67 + 4,500.00 + 4,916.67	3,166.67 + 4,583.33 + 4,916.67	3,166.67 + 4,583.33 + 4,916.67
				l/s	8.00	8.00	8.00	8.00	8.00	8.00
	External Static Pressure	Max.	mmAq	78.45	78.45	78.45	78.45	78.45	78.45	78.45
				Pa	19.05	19.05	22.23	22.23	22.23	22.23
Field Wiring	Liquid Pipe	Φ, mm	-	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"
				41.30	41.30	41.30	41.30	41.30	41.30	41.30
	Gas Pipe	Φ, inch	-	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"
				34.93	34.93	34.93	34.93	34.93	34.93	34.93
Refrigerant	Discharge Gas Pipe (HR)	Φ, mm	-	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"
				Φ, inch	Φ, mm	Φ, mm	Φ, mm	Φ, mm	Φ, mm	Φ, mm
	Oil Equalizing Pipe	Φ, inch	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-
Sound	Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)
				110(40)	110(40)	110(40)	110(40)	110(40)	110(40)	110(40)
	Power Source Wire	mm2	-	-	-	-	-	-	-	-
				0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
External Dimension	Transmission Cable	mm2	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-
	Type	kg	-	R410A	R410A	R410A	R410A	R410A	R410A	R410A
				16.80	19.40	21.60	21.30	22.60	22.30	22.30
Operating Temp. Range	Sound Pressure	dB(A)	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-
	Sound Power	kg	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-
Net Weight	DVM S HP	kg	-	300.0 x 2	190.0 x 2 + 300.0	190.0 + 235.0 + 300.0	190.0 + 278.0 + 300.0	190.0 + 300.0 x 2	190.0 + 300.0 x 2	190.0 + 300.0 x 2
				306.0 x 2	195.0 x 2 + 306.0	195.0 + 241.0 + 306.0	195.0 + 284.0 + 306.0	195.0 + 306.0 x 2	195.0 + 306.0 x 2	195.0 + 306.0 x 2
	Shipping Weight	kg	-	319.0 x 2	206.0 x 2 + 319.0	206.0 + 254.0 + 319.0	206.0 + 297.0 + 319.0	206.0 + 319.0 x 2	206.0 + 319.0 x 2	206.0 + 319.0 x 2
				325.0 x 2	211.0 x 2 + 325.0	211.0 + 260.0 + 325.0	211.0 + 303.0 + 325.0	211.0 + 325.0 x 2	211.0 + 325.0 x 2	211.0 + 325.0 x 2
Shipping Dimensions (WxHxD)	Net Dimensions (WxHxD)	mm	-	(1,295 x 1,695 x 765) x 2	(880 x 1,695 x 765) x 2 + 1,295 x 1,695 x 765	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2
				(1,363 x 1,857 x 832) x 2	(948 x 1,857 x 832) x 2 + 1,363 x 1,857 x 832	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 2	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 2	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 2	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 2	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 2
	Shipping Dimensions (WxHxD)	mm	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-
Operating Temp. Range	Cooling	°C	-	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
				-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0
	Heating	°C	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-

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DVM Specification - Outdoor Units



DVM S
DIGITAL VARIABLE MULTI

DVM S HP COMPACT MODULE

Model Name				DVM S HP	AM560FXVAGH/EU	AM580FXVAGH/EU	AM600FXVAGH/EU	AM620FXVAGH/EU	AM640FXVAGH/EU	AM660FXVAGH/EU
				DVM S HR	AM560FXVAGR/EU	AM580FXVAGR/EU	AM600FXVAGR/EU	AM620FXVAGR/EU	AM640FXVAGR/EU	AM660FXVAGR/EU
Power Supply				Φ, #, V, Hz	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Mode				-	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	HP		HP	56.00	58.00	60.00	62.00	64.00	66.00	
			kW	156.80	163.20	168.20	173.60	179.20	184.80	
	Capacity (Nominal)	Cooling	Btu/h	535,000	556,900	573,900	592,300	611,500	630,600	
			kW	176.40	183.60	188.60	195.30	201.60	207.90	
Power		Heating	Btu/h	601,900	626,500	643,500	666,400	687,900	709,400	
			kW	43.10	43.60	45.70	47.73	49.89	52.05	
	Current Input (Nominal)	Cooling 1)	A	42.10	42.90	44.90	44.50	47.30	50.10	
				Cooling 1)	69.10	69.90	73.20	76.60	80.00	83.40
		Heating 2)		67.60	68.80	72.00	71.40	75.90	80.40	
				MCA	-	-	-	-	-	-
				MFA	-	-	-	-	-	-
					-	-	-	-	-	-
COP	Nominal Cooling 1)		-	3.64	3.74	3.68	3.64	3.59	3.55	
	Nominal Heating 2)		-	4.19	4.28	4.20	4.39	4.26	4.15	
Compressor	Type		-	SSC Scroll x 5	SSC Scroll x 5	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 6	
	Output		kW x n	(6.13) + (6.13x2)x2	(6.13) + (6.13x2)x2	(4.96x2) + (6.13x2)x2	(6.13x2)x2 + (6.13x2)	(6.13x2) + (6.13x2)x2	(6.13x2)x3	
	Model Name		-	DS-GB066FAVASG x 5	DS-GB066FAVASG x 5	DS-GB052FAVASG x 2 + DS-GB066FAVASG x 4	DS-GB066FAVASG x 6	DS-GB066FAVASG x 6	DS-GB066FAVASG x 6	
	Oil	Type	-	PVE	PVE	PVE	PVE	PVE	PVE	
Initial Charge		cc	11500	11500	13800	13800	13800	13800		
Fan	Type		-	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	
	Output x n		W	400 x 1 + (620 x 2) x 2	(620 x 2) x 3	(620 x 2) x 3	(620 x 2) x 3	(620 x 2) x 3	(620 x 2) x 3	
	Air Flow Rate		CMM	190 + 295 x 2	260 + 295 x 2	260 + 295 x 2	275 x 2 + 295	275 + 295 x 2	295 x 3	
			l/s	3,166.67 + 4,916.67 x 2	4,333.33 + 4,916.67 x 2	4,333.33 + 4,916.67 x 2	4,583.33 x 2 + 4,916.67	4,583.33 + 4,916.67 x 2	4,916.67 x 3	
Piping Connections	External Static Pressure		Max.	mmAq	8.00	8.00	8.00	8.00	8.00	8.00
				Pa	78.45	78.45	78.45	78.45	78.45	78.45
	Liquid Pipe		Φ, mm	22.23	22.23	22.23	22.23	22.23	22.23	
			Φ, inch	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	
	Gas Pipe		Φ, mm	41.30	41.30	41.30	53.98	53.98	53.98	
			Φ, inch	1 5/8"	1 5/8"	1 5/8"	2 1/8"	2 1/8"	2 1/8"	
	Discharge Gas Pipe	(HR)	Φ, mm	34.93	34.93	34.93	41.30	41.30	41.30	
			Φ, inch	1 3/8"	1 3/8"	1 3/8"	1 5/8"	1 5/8"	1 5/8"	
	Oil Equalizing Pipe		Φ, mm	-	-	-	-	-	-	
			Φ, inch	-	-	-	-	-	-	
	Installation Limitation	Max. Length	m	200(220)	200(220)	200(220)	200(220)	200(220)	200(220)	
			Max. Height	m	110(40)	110(40)	110(40)	110(40)	110(40)	110(40)
Field Wiring	Power Source Wire		mm2	-	-	-	-	-	-	
	Transmission Cable		mm2	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A	R410A	
	Factory Charging		kg	22.30	24.50	24.20	25.20	25.20	25.20	
Sound	Sound Pressure		dB(A)	-	-	-	-	-	-	
	Sound Power			-	-	-	-	-	-	
External Dimension	Net Weight	DVM S HP	190.0 + 300.0 x 2	235.0 + 300.0 x 2	278.0 + 300.0 x 2	300.0 x 3	300.0 x 3	300.0 x 3		
		DVM S HR	195.0 + 306.0 x 2	241.0 + 306.0 x 2	284.0 + 306.0 x 2	306.0 x 3	306.0 x 3	306.0 x 3		
	Shipping Weight	DVM S HP	206.0 + 319.0 x 2	254.0 + 319.0 x 2	297.0 + 319.0 x 2	319.0 x 3	319.0 x 3	319.0 x 3		
		DVM S HR	211.0 + 325.0 x 2	260.0 + 325.0 x 2	303.0 + 325.0 x 2	325.0 x 3	325.0 x 3	325.0 x 3		
	Net Dimensions (WxHxD)		mm	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 2	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 3		
	Shipping Dimensions (WxHxD)		mm	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 2	(1,363 x 1,857 x 832) x 3	(1,363 x 1,857 x 832) x 3	(1,363 x 1,857 x 832) x 3	(1,363 x 1,857 x 832) x 3		
Operating Temp. Range	Cooling		°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	
	Heating		°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	

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DVM Specification - Outdoor Units



DVM S
DIGITAL VARIABLE MULTI

DVM S HP COMPACT MODULE

Model Name				DVM S HP	AM680FXVAGH/EU	AM700FXVAGH/EU	AM720FXVAGH/EU	AM740FXVAGH/EU	AM760FXVAGH/EU	AM780FXVAGH/EU	AM800FXVAGH/EU
				DVM S HR	AM680FXVAGR/EU	AM700FXVAGR/EU	AM720FXVAGR/EU	AM740FXVAGR/EU	AM760FXVAGR/EU	AM780FXVAGR/EU	AM800FXVAGR/EU
Power Supply				Φ, #, V, Hz	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50	3,4,380-415,50
Mode				-	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR	HP / HR
Performance	HP		Cooling	HP	68.00	70.00	72.00	74.00	76.00	78.00	80.00
				kW	190.40	196.80	201.80	207.20	212.80	218.40	224.80
	Capacity (Nominal)		Heating	Btu/h	649,700	671,500	688,600	707,000	726,100	745,200	767,000
				kW	214.20	221.40	226.40	233.10	239.40	245.70	252.90
Power				Btu/h	730,900	755,400	772,500	795,400	816,900	838,400	862,900
				kW	51.50	52.00	54.10	55.98	58.29	60.45	60.95
	Power Input (Nominal)				50.80	51.60	53.60	54.00	56.00	58.80	59.60
					kW	82.60	83.40	86.70	89.80	93.50	96.90
	Current Input (Nominal)				81.60	82.80	86.00	86.70	89.90	94.40	95.60
					A	-	-	-	-	-	-
COP	Nominal Cooling 1)			-	3.70	3.78	3.73	3.70	3.65	3.61	3.69
	Nominal Heating 2)			-	4.22	4.29	4.22	4.32	4.28	4.18	4.24
Compressor	Type			-	SSC Scroll x 6	SSC Scroll x 6	SSC Scroll x 7	SSC Scroll x 7	SSC Scroll x 7	SSC Scroll x 7	SSC Scroll x 7
	Output			kW x n	(6.13)x2 + (6.13x2)x2	(6.13) + (6.13) + (6.13x2)x2	(6.13) + (4.96x2) + (6.13x2)x2	(6.13) + (6.13x2) + (6.13x2)x2	(6.13) + (6.13x2) + (6.13x2)x2	(6.13) + (6.13x2)x3	(6.13) + (6.13x2)x3
	Model Name			-	DS-GB066FAVASG x 6	DS-GB066FAVASG x 6	DS-GB066FAVASG x 5 + DS-GB052FAVASG x 2	DS-GB066FAVASG x 7	DS-GB066FAVASG x 7	DS-GB066FAVASG x 7	DS-GB066FAVASG x 7
	Oil			Type	PVE	PVE	PVE	PVE	PVE	PVE	PVE
Fan	Initial Charge			cc	13800	13800	16100	16100	16100	16100	16100
	Type			-	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller
	Output x n			W	(400 x 1) x 2 + (620 x 2) x 2	400 x 1 + (620 x 2) x 3	400 x 1 + (620 x 2) x 3	400 x 1 + (620 x 2) x 3	400 x 1 + (620 x 2) x 3	400 x 1 + (620 x 2) x 3	(620 x 2) x 4
	Air Flow Rate			CMM	190 x 2 + 295 x 2	190 + 260 + 295 x 2	190 + 260 + 295 x 2	190 + 270 + 295 x 2	190 + 275 + 295 x 2	190 + 295 x 3	260 + 295 x 3
Piping Connections	External Static Pressure			Max.	mmAq	8.00	8.00	8.00	8.00	8.00	8.00
					Pa	78.45	78.45	78.45	78.45	78.45	78.45
	Liquid Pipe			Φ, mm	22.23	22.23	22.23	22.23	22.23	22.23	22.23
				Φ, inch	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"
	Gas Pipe			Φ, mm	53.98	53.98	53.98	53.98	53.98	53.98	53.98
				Φ, inch	2 1/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"
	Discharge Gas Pipe (HR)			Φ, mm	41.30	41.30	41.30	41.30	41.30	41.30	41.30
				Φ, inch	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"
	Oil Equalizing Pipe			Φ, mm	-	-	-	-	-	-	-
				Φ, inch	-	-	-	-	-	-	-
Field Wiring	Power Source Wire			mm2	-	-	-	-	-	-	-
	Transmission Cable			mm2	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type			-	R410A	R410A	R410A	R410A	R410A	R410A	R410A
	Factory Charging			kg	27.80	30.00	29.70	31.00	30.70	30.70	32.90
Sound	Sound Pressure			dB(A)	-	-	-	-	-	-	-
	Sound Power				-	-	-	-	-	-	-
External Dimension	Net Weight	DVM S HP	kg	190.0 x 2 + 300.0 x 2	190.0 x 2 + 300.0 x 2	190.0 + 235.0 + 300.0 x 2	190.0 + 278.0 + 300.0 x 2	190.0 + 300.0 x 3	190.0 + 300.0 x 3	190.0 + 300.0 x 3	235.0 + 300.0 x 3
				195.0 x 2 + 306.0 x 2	195.0 x 2 + 306.0 x 2	195.0 + 241.0 + 306.0 x 2	195.0 + 284.0 + 306.0 x 2	195.0 + 306.0 x 3	195.0 + 306.0 x 3	195.0 + 306.0 x 3	241.0 + 306.0 x 3
	Shipping Weight	DVM S HP	kg	206.0 x 2 + 319.0 x 2	206.0 x 2 + 319.0 x 2	206.0 + 254.0 + 319.0 x 2	206.0 + 297.0 + 319.0 x 2	206.0 + 319.0 x 3	206.0 + 319.0 x 3	206.0 + 319.0 x 3	254.0 + 319.0 x 3
				211.0 x 2 + 325.0 x 2	211.0 x 2 + 325.0 x 2	211.0 + 260.0 + 325.0 x 2	211.0 + 303.0 + 325.0 x 2	211.0 + 325.0 x 3	211.0 + 325.0 x 3	211.0 + 325.0 x 3	260.0 + 325.0 x 3
	Net Dimensions (WxHxD)	mm	(880 x 1,695 x 765) x 2 + (1,295 x 1,695 x 765) x 2	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3	880 x 1,695 x 765 + (1,295 x 1,695 x 765) x 3	(1,295 x 1,695 x 765) x 4
Shipping Dimensions (WxHxD)	mm	(948 x 1,857 x 832) x 2 + (1,363 x 1,857 x 832) x 2	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 3	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 3	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 3	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 3	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 3	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 3	948 x 1,857 x 832 + (1,363 x 1,857 x 832) x 3	(1,363 x 1,857 x 832) x 4	
Operating Temp. Range	Cooling			°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
	Heating			°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0

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* The maximum height of installation limitation for piping connections is only allowable when using PDM kits.

DVM Specification - Outdoor Units



DVM S Mini
DIGITAL VARIABLE MULTI

Model Name		AM040FXMDEH/EU	AM050FXMDEH/EU	AM060FXMDEH/EU	AM040FXMDGH/EU	AM050FXMDGH/EU	AM060FXMDGH/EU
Power Supply		Φ, #, V, Hz					
Mode		-					
Performance	HP	HP					
	Capacity (Nominal)	Cooling	kW				
			Btu/h				
		Heating	kW				
Power	Current Input (Nominal)		Btu/h				
		Cooling	A				
		Heating					
	Power Input (Nominal)	Cooling	kW				
COP	Circuit Breaker (MCCB+ELB / ELCB)		A				
	Nominal Cooling		-				
Fan	Nominal Heating		-				
	Air Flow Rate		CMM				
Piping Connections	Liquid Pipe		Φ, mm				
	Gas Pipe		Φ, mm				
	Installation Limitation	Max. Length	m				
		Max. Height	m				
Refrigerant	Type		-				
	Factory Charging		kg				
Sound ⁵⁾	Sound Pressure		dB(A)				
	Net Weight		kg				
External Dimension	Shipping Weight		kg				
	Net Dimensions (WxHxD)		mm				
	Shipping Dimensions (WxHxD)		mm				
Operating Temp. Range	Cooling		°C				
	Heating		°C				

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DVM Specification - Indoor Units



DVM S Hydro

- High Efficiency
- Large Capacity
- Advanced and Reliable Protection
- Easy Installation & Maintenance
- Eco-friendly
- Comfortable Operation
- Premium Quality Control Heat Recovery

Model Name				DVM S HP	AM160FNBDEH/EU	AM320FNBDEH/EU	AM500FNBDEH/EU	AM160FNBFEH/EU	AM250FNBFEH/EU	AM250FNBFGH/EU
Power Supply				Φ, #, V, Hz						
Mode				-						
Performance	HP	Cooling	HP							
			kW							
			Btu/h							
			kW							
Power	Capacity (Nominal)	Heating	Btu/h							
			kW							
			Btu/h							
			kW							
COP	Power Input (Nominal)	Cooling	kW							
			kW							
			A							
			A							
Fan	Current Input (Nominal)	Heating	A							
			A							
			A							
			A							
Piping Connections	Circuit Breaker (MCCB+ELB / ELCB)	Nominal Cooling	-							
			-							
			-							
			-							
Refrigerant	Air Flow Rate	Liquid Pipe	Φ, mm							
			Φ, mm							
			Φ, mm							
			Φ, mm							
Sound	Discharge Gas Pipe (DVM PLUS IV HR)	Max. Length	m							
			m							
			m							
			m							
External Dimension	Oil Equalizing Pipe	Max. Height	-							
			-							
			-							
			-							
Operating Temp. Range	Factory Charging	kg	kg							
			kg							
			kg							
			kg							
Sound	Sound Pressure	dB(A)	dB(A)							
			dB(A)							
			dB(A)							
			dB(A)							
Net Weight	Net Weight	kg	kg							
			kg							
			kg							
			kg							
Shipping Weight	Shipping Weight	kg	kg							
			kg							
			kg							
			kg							
Net Dimensions (WxHxD)	Net Dimensions (WxHxD)	mm	mm							
			mm							
			mm							
			mm							
Shipping Dimensions (WxHxD)	Shipping Dimensions (WxHxD)	mm	mm							
			mm							
			mm							
			mm							
Operating Temp. Range	Cooling	°C	°C							
			°C							
			°C							
			°C							
Heating	Heating	°C	°C							
			°C							
			°C							
			°C							

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DVM Specification - Indoor Units



DVM EHS

- High Efficiency
- Large Capacity
- Advanced and Reliable Protection
- Easy Installation & Maintenance
- Eco-friendly
- Comfortable Operation
- Premium Quality Control Heat Recovery

DVM EHS			
Model Name		DVM S WATER HP	ADN160BDEHA/EU
Power Supply		Φ, #, V, Hz	ADN320BDEHA/EU
Mode		-	ADN500BDEHA/EU
Performance	HP	HP	
		kW	
	Capacity (Nominal)	Cooling Btu/h	
		Heating kW	
Power		Heating Btu/h	
	Power Input (Nominal)	Cooling kW	
	Current Input (Nominal)	Heating A	
	Circuit Breaker (MCCB+ELB / ELCB)	Heating A	
COP	Nominal Cooling	-	
	Nominal Heating	-	
Fan	Air Flow Rate	CMM	
Piping Connections	Liquid Pipe	Φ, mm	
	Gas Pipe	Φ, mm	
	Discharge Gas Pipe (DVM PLUS IV HR)	Φ, mm	
	Oil Equalizing Pipe	Φ, mm	
	Installation	Max. Length m	
	Limitation	Max. Height m	
Refrigerant	Type	-	
	Factory Charging	kg	
Sound	Sound Pressure	dB(A)	
External Dimension	Net Weight	DVM PLUS IV HP kg	
		DVM PLUS IV HR kg	
	Shipping Weight	DVM PLUS IV HP kg	
		DVM PLUS IV HR kg	
	Net Dimensions (WxHxD)	mm	
	Shipping Dimensions (WxHxD)	mm	
Operating Temp. Range	Cooling	°C	
	Heating	°C	

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DVM Specification - Indoor Units



4Way Cassette S

- S-Plasma ion (Optional)
- Surround Flow
- Individual Blade Control
- Fan Speed Adjustment for High Ceiling



Model				AM045FN4DEH/EU	AM056FN4DEH/EU	AM071FN4DEH/EU	AM090FN4DEH/EU	AM112FN4DEH/EU	AM128FN4DEH/EU	AM140FN4DEH/EU
Power Supply		Φ, #, V, Hz	-	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode		-	-	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	4.50	5.60	7.10	9.00	11.20	12.80	14.00
			Btu/h	15,400	19,100	24,200	30,700	38,200	43,700	47,800
	Heating	kW	5.00	6.30	8.00	10.00	12.50	13.80	16.00	
			Btu/h	17,100	21,500	27,300	34,100	42,700	47,100	54,600
Power	Power Input (Nominal)	Cooling	W	32.00	32.00	45.00	62.00	78.00	73.00	89.00
			Heating	32.00	32.00	45.00	62.00	78.00	73.00	89.00
	Current Input (Nominal)	Cooling	A	0.15	0.15	0.21	0.30	0.36	0.36	0.45
			Heating	0.15	0.15	0.21	0.30	0.36	0.36	0.45
Fan	Motor	Type	-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
			Output	W	-	-	-	-	-	-
	Air Flow Rate	High / Mid / Low (UL)	CMM	14.50/13.50/12.50	15.00/14.00/13.00	17.00/15.50/14.50	19.50/18.00/16.50	26.00/24.00/22.00	28.00/26.00/23.00	30.00/28.00/26.00
			l/s	241.67/225.00/208.33	250.00/233.33/216.67	283.33/258.33/241.67	325.00/300.00/275.00	433.33/400.00/366.67	466.67/433.33/383.33	500.00/466.67/433.33
Piping Connections	Liquid Pipe	Φ, mm	mmAq	-	-	-	-	-	-	-
			Pa	-	-	-	-	-	-	-
	Gas Pipe	Φ, inch	Φ, mm	6.35	6.35	9.52	9.52	9.52	9.52	9.52
			Φ, mm	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"
Field Wiring	Drain Pipe	Φ, mm	Φ, mm	12.70	12.70	15.88	15.88	15.88	15.88	15.88
			Φ, inch	1/2"	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"
	Power Source Wire	Below 20m / Over 20m	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
			mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
Refrigerant	Transmission Cable	mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
			Type	-	-	-	-	-	-	-
	Control Method	-	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
			EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	34.0/32.0/29.0	34.0/32.0/30.0	36.0/32.0/30.0	39.0/35.0/32.0	39.0/36.0/32.0	41.0/38.0/35.0	45.0/42.0/38.0
			dBA	-	-	-	-	-	-	-
	Net Weight	kg	15.10	15.10	15.10	15.10	17.00	18.70	18.70	18.70
			Shipping Weight	19.10	19.10	19.10	19.10	20.50	22.80	22.80
Dimensions	Net Dimensions (WxDHDD)	mm	840 x 204 x 840	840 x 204 x 840	840 x 204 x 840	840 x 204 x 840	840 x 246 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
			Shipping Dimensions (WxDHDD)	910 x 226 x 910	910 x 226 x 910	910 x 226 x 910	910 x 268 x 910	910 x 310 x 910	910 x 310 x 910	910 x 310 x 910
	Panel Model	-	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE
			Panel Net Weight	5.90	5.90	5.90	5.90	5.90	5.90	5.90
Panel Size	Shipping Weight	kg	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40
			Net Dimensions (WxDHDD)	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950
	Shipping Dimensions (WxDHDD)	mm	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005
			Drain Pump	-	-	-	-	-	-	-
Additional Accessories	Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-	-	-	-
			Air Filter	-	-	-	-	-	-	-

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Optional Accessories



MWR-WE10



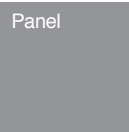
MWR-WH0*



MWR-SH00



MR-DH00



PC4NUSKE



Mini 4Way Cassette

- Ideal Compact Size
- Fan Speed Adjustment
- Motion Detect Sensor (Optional)
- Individual Blade Control



Model				AM022FNNDEH/EU	AM028FNNDEH/EU	AM036FNNDEH/EU	AM045FNNDEH/EU	AM056FNNDEH/EU	AM060FNNDEH/EU
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode		-		HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2.20	2.80	3.60	4.50	5.60	6.00
			Btu/h	7,500	9,600	12,300	15,400	19,100	20,500
		Heating	kW	2.50	3.20	4.00	5.00	6.30	6.80
			Btu/h	8,500	10,900	13,600	17,100	21,500	23,200
Power	Power Input (Nominal)	Cooling	W	18.00	18.00	20.00	23.00	28.00	31.00
		Heating	W	18.00	18.00	20.00	23.00	28.00	31.00
	Current Input (Nominal)	Cooling	A	0.17	0.17	0.19	0.22	0.27	0.30
		Heating	A	0.17	0.17	0.19	0.22	0.27	0.30
Fan	Motor	Type	-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
		Output	W	65 x 1	65 x 1	65 x 1	65 x 1	65 x 1	65 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	9.80/8.60/7.40	10.60/9.40/8.20	11.40/10.20/9.00	12.20/11.00/9.80	13.40/11.80/10.20	14.20/12.60/11.00
			l/s	163.33/143.33/123.33	176.67/156.67/136.67	190.00/170.00/150.00	203.33/183.33/163.33	223.33/196.67/170.00	236.67/210.00/183.33
Piping Connections	Liquid Pipe	Φ, mm	mmAq	-	-	-	-	-	-
			Pa	-	-	-	-	-	-
	Gas Pipe	Φ, inch	Φ, mm	6.35	6.35	6.35	6.35	6.35	6.35
			Φ, mm	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
Field Wiring	Power Source Wire	Below 20m / Over 20m	Φ, mm	12.70	12.70	12.70	12.70	12.70	12.70
			Φ, inch	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
	Transmission Cable		Φ, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
			mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
Refrigerant	Type		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
			mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
	Control Method		-	R410A	R410A	R410A	R410A	R410A	R410A
			-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	34.0/31.0/28.0	35.0/31.0/28.0	37.0/35.0/32.0	39.0/36.0/34.0	41.0/39.0/35.0	42.0/39.0/36.0
			dBA	-	-	-	-	-	-
	Sound Power	High / Mid / Low	-	-	-	-	-	-	-
			-	-	-	-	-	-	-
Dimensions	Net Weight		kg	11.00	11.00	11.00	12.00	12.00	12.00
			kg	13.00	13.00	13.00	14.00	14.00	14.00
	Shipping Dimensions (WxDHDD)		mm	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575
			mm	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653
Panel Size	Panel Model		-	PC4SUSMB	PC4SUSMB	PC4SUSMB	PC4SUSMB	PC4SUSMB	PC4SUSMB
			kg	2.70	2.70	2.70	2.70	2.70	2.70
	Shipping Weight		kg	4.20	4.20	4.20	4.20	4.20	4.20
			mm	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724
			mm / liter/h	-	-	-	-	-	-
	Air Filter		-	-	-	-	-	-	-
			-	-	-	-	-	-	-

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Optional Accessories

Individual Controllers

MWR-WE10

MWR-WH0*

MWR-SH00

MR-DH00

Panel

PMSMA

Slim 1Way Cassette



- Slim and Compact Design
- Quiet Operation
- No Overflowing Drain Water



Model				AM022FN1DEH/EU	AM028FN1DEH/EU	AM036FN1DEH/EU
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode				HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2.20	2.80	3.60
			Btu/h	7,500	9,600	12,300
		Heating	kW	2.50	3.20	4.00
			Btu/h	8,500	10,900	13,600
Power	Power Input (Nominal)	Cooling	W	40.00	45.00	50.00
		Heating	W	40.00	45.00	50.00
	Current Input (Nominal)	Cooling	A	0.20	0.23	0.25
		Heating	A	0.20	0.23	0.25
Fan	Motor	Type		Crossflow Fan	Crossflow Fan	Crossflow Fan
		Output	W	23 x 1	23 x 1	23 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	6.00/5.00/4.00	7.00/6.00/5.00	8.00/7.00/6.00
			l/s	100.00/83.33/66.67	116.67/100.00/83.33	133.33/116.67/100.00
Piping Connections	Liquid Pipe		mmAq	-	-	-
			Pa	-	-	-
	Gas Pipe		Φ, mm	6.35	6.35	6.35
			Φ, inch	1/4"	1/4"	1/4"
Field Wiring	Power Source Wire	Below 20m / Over 20m	Φ, mm	12.70	12.70	12.70
			Φ, inch	1/2"	1/2"	1/2"
	Transmission Cable		Φ, mm	VP20 (OD 26,ID 20)	VP20 (OD 26,ID 20)	VP20 (OD 26,ID 20)
			mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
Refrigerant	Type		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
				-	-	-
	Control Method			R410A	R410A	R410A
				-	-	-
Sound	Sound Pressure	High / Mid / Low	dBA	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
			dBA	30.0/28.0/25.0	30.0/27.0/25.0	32.0/30.0/27.0
	Sound Power	High / Mid / Low		-	-	-
				-	-	-
Dimensions	Net Weight		kg	11.00	11.00	11.00
			kg	14.00	14.00	14.00
	Shipping Weight		mm	970 x 135 x 410	970 x 135 x 410	970 x 135 x 410
			mm	1164 x 212 x 478	1164 x 212 x 478	1164 x 212 x 478
Panel Size	Panel Model			PC1NUSMAN	PC1NUSMAN	PC1NUSMAN
			kg	-	-	-
	Shipping Weight		kg	-	-	-
			mm	-	-	-
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm	- x - x -	- x - x -	- x - x -
			mm / liter/h	-	-	-
	Air Filter			-	-	-
				-	-	-

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Optional Accessories



2Way Cassette



- Standard Formula for Easy Installation
- Twin Cross Flow Fan
- Small Size, Big Performance



Model				AM056FN2DEH/EU	AM071FN2DEH/EU
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50
Mode				HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	5.60	7.10
			Btu/h	19,100	24,200
		Heating	kW	6.30	8.00
			Btu/h	21,500	27,300
Power	Power Input (Nominal)	Cooling	W	70.00	75.00
		Heating	W	70.00	75.00
	Current Input (Nominal)	Cooling	A	0.38	0.40
		Heating	A	0.38	0.40
Fan	Motor	Type		Crossflow Fan	Crossflow Fan
		Output	W	14 x 2	14 x 2
	Air Flow Rate	High / Mid / Low (UL)	CMM	14.00/13.00/12.00	15.00/14.00/13.00
			l/s	233.33/216.67/200.00	250.00/233.33/216.67
Piping Connections	Liquid Pipe		mmAq	-	-
			Pa	-	-
	Gas Pipe		Φ, mm	6.35	9.52
			Φ, inch	1/4"	3/8"
Field Wiring	Power Source Wire	Below 20m / Over 20m	Φ, mm	12.70	15.88
			Φ, inch	1/2"	5/8"
	Transmission Cable		Φ, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
			mm ²	1.5 ~ 2.5	1.5 ~ 2.5
Refrigerant	Type		mm ²	0.75 ~ 1.50	0.75 ~ 1.50
				-	-
	Control Method			R410A	R410A
				-	-
Sound	Sound Pressure	High / Mid / Low	dBA	EEV INCLUDED	EEV INCLUDED
			dBA	36.0/32.0/28.0	38.0/33.0/28.0
	Sound Power	High / Mid / Low		-	-
				-	-
Dimensions	Net Weight		kg	21.00	21.00
			kg	25.00	25.00
	Shipping Weight		mm	890 x 230 x 575	890 x 230 x 575
			mm	1077 x 299 x 642	1077 x 299 x 642
Panel Size	Panel Model			PC2NUSMEN	PC2NUSMEN
			kg	4.00	4.00
	Shipping Weight		kg	8.00	8.00
			mm	1030 x 25 x 650	1030 x 25 x 650
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm	1103 x 151 x 727	1103 x 151 x 727
			mm / liter/h	-	-
	Air Filter			-	-
				-	-

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Optional Accessories



DVM Specification - Indoor Units

HSP Duct



- High External Static Pressure
- Strong and Large Coverage Area
- Silent Operation with the Static Pressure Control
- Easy to Maintain



Model				AM112FNHDEH/EU	AM128FNHDEH/EU	AM140FNHDEH/EU	AM220FNHDEH/EU	AM280FNHDEH/EU
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode				HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	11.20	12.80	14.00	22.40	28.00
			Btu/h	38,200	43,700	47,800	76,400	95,500
		Heating	kW	12.50	13.80	16.80	25.00	31.50
			Btu/h	42,700	47,100	57,300	85,300	107,500
Power	Power Input (Nominal)	Cooling	W	510.00	560.00	625.00	530.00	790.00
		Heating	W	510.00	560.00	625.00	530.00	790.00
	Current Input (Nominal)	Cooling	A	3.60	3.75	3.90	3.80	5.90
		Heating	A	3.60	3.75	3.90	3.80	5.90
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output	W	400 x 1	400 x 1	-	400 x 1	400 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	32.00/27.00/23.00	35.00/31.00/28.00	39.00/33.00/28.00	58.00/52.00/47.00	72.00/65.00/58.00
			l/s	533.33/450.00/383.33	583.33/516.67/466.67	650.00/550.00/466.67	966.67/866.67/783.33	1,200.00/1,083.33/966.67
	External Static Pressure	Min. / Std. / Max.	mmAq	5.00/10.00/20.00	5.00/10.00/20.00	5.00/10.00/20.00	5.00/15.00/25.00	5.00/15.00/28.00
Piping Connections	Liquid Pipe		Pa	49.03/98.07/196.13	49.03/98.07/196.13	49.03/98.07/196.13	49.03/147.10/245.17	49.03/147.10/274.59
			Φ, mm	9.52	9.52	9.52	9.52	9.52
	Gas Pipe		Φ, inch	3/8"	3/8"	3/8"	3/8"	3/8"
			Φ, mm	15.88	15.88	15.88	19.05	22.23
	Drain Pipe		Φ, inch	5/8"	5/8"	5/8"	3/4"	7/8"
Field Wiring	Power Source Wire	Below 20m / Over 20m	Φ, mm	VP20 (OD 26,ID 20)	VP20 (OD 26,ID 20)	VP20 (OD 26,ID 20)	VP20 (OD 26,ID 20)	VP20 (OD 26,ID 20)
			mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	43.0/41.0/39.0	44.0/42.0/40.0	45.0/43.0/41.0	47.0/45.0/44.0	48.0/47.0/45.0
	Sound Power	High / Mid / Low	dBA	-	-	-	-	-
Dimensions	Net Weight		kg	62.00	70.00	62.00	95.00	95.00
	Shipping Weight		kg	70.00	75.00	70.00	105.00	105.00
	Net Dimensions (WxDHDD)		mm	1200 x 360 x 650	1200 x 360 x 650	1200 x 360 x 650	1240 x 470 x 1040	1240 x 470 x 1040
	Shipping Dimensions (WxDHDD)		mm	1447 x 425 x 769	1447 x 425 x 769	1447 x 425 x 769	1507 x 558 x 1155	1507 x 558 x 1155
Panel Size	Panel Model		-	-	-	-	-	-
	Panel Net Weight		kg	-	-	-	-	-
	Shipping Weight		kg	-	-	-	-	-
	Net Dimensions (WxDHDD)		mm	-	-	-	-	-
	Shipping Dimensions (WxDHDD)		mm	-	-	-	-	-
Additional Accessories	Drain Pump	Drain Pump	-	MDP-M075SGU1D	MDP-M075SGU2D	MDP-M075SGU2D	MDP-N047SNC1D	MDP-N047SNC1D
	Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-	-
	Air Filter		-	-	-	-	-	-

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Optional Accessories

Individual Controllers

MWR-WE10

MWR-WH0*

MWR-SH00

MR-DH00

MRK-A00

MRW-10A

Panel

MDP-M075SGU2

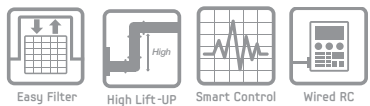
MDP-N047SNC1

DVM Specification - Indoor Units



MSP Duct

- Narrow Width
- Strong and Large Coverage Area
- Silent Operation with the Static Pressure Control
- Easy to Maintain



Model				AM022FNMDEH/EU	AM028FNMDEH/EU	AM036FNMDEH/EU	AM045FNMDEH/EU	AM056FNMDEH/EU
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode		-		HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2.20	2.80	3.60	4.50	5.60
			Btu/h	7,500	9,600	12,300	15,400	19,100
		Heating	kW	2.50	3.20	4.00	5.00	6.30
			Btu/h	8,500	10,900	13,600	17,100	21,500
Power	Power Input (Nominal)	Cooling	W	80.00	80.00	85.00	125.00	130.00
		Heating	W	80.00	80.00	85.00	125.00	130.00
	Current Input (Nominal)	Cooling	A	0.40	0.40	0.55	1.15	1.10
		Heating	A	0.40	0.40	0.55	1.15	1.10
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output	W	69 x 1	69 x 1	112 x 1	219 x 1	124 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	8.50/7.50/6.30	10.00/9.20/7.50	12.00/10.20/8.80	14.00/12.00/10.50	14.50/13.00/11.50
			l/s	141.67/125.00/105.00	166.67/153.33/125.00	200.00/170.00/146.67	233.33/200.00/175.00	241.67/216.67/191.67
	External Static Pressure	Min. / Std. / Max.	mmAq	0.00/2.00/6.00	0.00/2.00/6.00	0.00/2.00/6.00	0.00/4.00/8.00	0.00/4.00/8.00
			Pa	0.00/19.61/58.84	0.00/19.61/58.84	0.00/19.61/58.84	0.00/39.23/78.45	0.00/39.23/78.45
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35	6.35	
		Φ, inch	1/4"	1/4"	1/4"	1/4"	1/4"	
	Gas Pipe	Φ, mm	12.70	12.70	12.70	12.70	12.70	
		Φ, inch	1/2"	1/2"	1/2"	1/2"	1/2"	
Field Wiring	Drain Pipe	Φ, mm	VP20 (OD 26,ID 20)	VP20 (OD 26,ID 20)	VP20 (OD 26,ID 20)	VP20 (OD 26,ID 20)	VP20 (OD 26,ID 20)	
	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	
	Transmission Cable	mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	
	Control Method	-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dBA	29.0/28.0/27.0	31.0/30.0/29.0	32.0/31.0/30.0	36.0/34.0/31.0	37.0/35.0/33.0
	Sound Power	High / Mid / Low	dBA	-	-	-	-	-
Dimensions	Net Weight		kg	23.50	23.50	23.50	29.00	31.00
	Shipping Weight		kg	28.00	28.00	28.00	33.00	36.00
	Net Dimensions (W×H×D)		mm	900 x 199 x 600	900 x 199 x 600	900 x 199 x 600	900 x 260 x 480	900 x 260 x 480
	Shipping Dimensions (W×H×D)		mm	1150 x 280 x 710	1150 x 280 x 710	1150 x 280 x 710	1170 x 340 x 595	1170 x 340 x 595
Panel Size	Panel Model		-	-	-	-	-	-
	Panel Net Weight		kg	-	-	-	-	-
	Shipping Weight		kg	-	-	-	-	-
	Net Dimensions (W×H×D)		mm	-	-	-	-	-
	Shipping Dimensions (W×H×D)		mm	-	-	-	-	-
Additional Accessories	Drain Pump	Drain Pump	-	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-M075SGU3D	MDP-M075SGU3D
		Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-
	Air Filter		-	-	-	-	-	-

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Optional Accessories

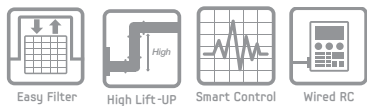


DVM Specification - Indoor Units



MSP Duct

- Narrow Width
- Strong and Large Coverage Area
- Silent Operation with the Static Pressure Control
- Easy to Maintain



Model				AM071FNMDEH/EU	AM090FNMDEH/EU	AM112FNMDEH/EU	AM128FNMDEH/EU	AM140FNMDEH/EU
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode				HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	7.10	9.00	11.20	12.80	14.00
			Btu/h	24,200	30,700	38,200	43,700	47,800
		Heating	kW	8.00	10.00	12.50	13.80	16.00
			Btu/h	27,300	34,100	42,700	47,100	54,600
Power	Power Input (Nominal)	Cooling	W	190.00	240.00	260.00	370.00	410.00
		Heating	W	190.00	240.00	260.00	370.00	410.00
	Current Input (Nominal)	Cooling	A	1.25	1.30	1.17	1.67	1.86
		Heating	A	1.25	1.30	1.17	1.67	1.86
Fan	Motor	Type		Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output	W	124 x 1	130 x 1	130 x 1	218 x 1	218 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	18.50/17.00/15.50	19.50/18.00/16.50	27.00/25.00/23.00	32.00/30.00/28.00	37.00/34.00/31.00
			l/s	308.33/283.33/258.33	325.00/300.00/275.00	450.00/416.67/383.33	533.33/500.00/466.67	616.67/566.67/516.67
Piping Connections	Liquid Pipe		Φ, mm	9.52	9.52	9.52	9.52	9.52
			Φ, inch	3/8"	3/8"	3/8"	3/8"	3/8"
	Gas Pipe		Φ, mm	15.88	15.88	15.88	15.88	15.88
			Φ, inch	5/8"	5/8"	5/8"	5/8"	5/8"
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
			mm ³	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
			mm ³	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type			R410A	R410A	R410A	R410A	R410A
				R410A	R410A	R410A	R410A	R410A
	Control Method			EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
				EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	39.0/37.0/35.0	39.0/37.0/35.0	39.0/37.0/35.0	39.0/37.0/35.0	43.0/41.0/38.0
			dBA	-	-	-	-	-
	Sound Power	High / Mid / Low	dBA	-	-	-	-	-
			dBA	-	-	-	-	-
Dimensions	Net Weight		kg	31.00	35.00	39.00	52.00	52.00
			kg	36.00	41.00	46.00	60.00	60.00
	Shipping Weight		mm	900 x 260 x 480	1150 x 260 x 480	1150 x 320 x 480	1200 x 360 x 650	1200 x 360 x 650
			mm	1170 x 340 x 595	1420 x 400 x 595	1420 x 400 x 595	1455 x 455 x 780	1455 x 455 x 780
Panel Size	Panel Model			-	-	-	-	-
				-	-	-	-	-
	Panel Net Weight		kg	-	-	-	-	-
			kg	-	-	-	-	-
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-
			mm / liter/h	-	-	-	-	-
	Air Filter			-	-	-	-	-
				-	-	-	-	-

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Optional Accessories



DVM Specification - Indoor Units

Slim Duct



- Flexible Installation
- Easier Drain Pump Installation
- Slim Design
- Easy to Maintain



Model				AM022FNLDEH/EU	AM028FNLDEH/EU	AM036FNLDEH/EU	AM045FNLDEH/EU	AM056FNLDEH/EU
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode				-	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2.20	2.80	3.60	4.50	5.60
			Btu/h	7,500	9,600	12,300	15,400	19,100
		Heating	kW	2.50	3.20	4.00	5.00	6.30
			Btu/h	8,500	10,900	13,600	17,100	21,500
Power	Power Input (Nominal)	Cooling	W	55.00	60.00	65.00	90.00	95.00
		Heating	W	55.00	60.00	65.00	90.00	95.00
	Current Input (Nominal)	Cooling	A	0.30	0.32	0.33	0.52	0.53
		Heating	A	0.30	0.32	0.33	0.52	0.53
Fan	Motor	Type		Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output	W	69 x 1	-	-	-	-
	Air Flow Rate	High / Mid / Low (UL)	CMM	7.00/6.10/5.30	7.50/6.60/5.60	7.50/6.60/5.60	11.00/9.60/8.30	12.00/10.50/9.00
			l/s	116.67/101.67/88.33	125.00/110.00/93.33	125.00/110.00/93.33	183.33/160.00/138.33	200.00/175.00/150.00
	External Static Pressure	Min. / Std. / Max.	mmAq	0.00/1.00/3.00	0.00/1.00/3.00	0.00/1.00/3.00	0.00/2.00/4.00	0.00/2.00/4.00
			Pa	0.00/9.81/29.42	0.00/9.81/29.42	0.00/9.81/29.42	0.00/19.61/39.23	0.00/19.61/39.23
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35	6.35	
		Φ, inch	1/4"	1/4"	1/4"	1/4"	1/4"	
	Gas Pipe	Φ, mm	12.70	12.70	12.70	12.70	12.70	
		Φ, inch	1/2"	1/2"	1/2"	1/2"	1/2"	
Drain Pipe	Φ, mm	VP20 (OD 26,ID 20)	VP20 (OD 26,ID 20)	VP20 (OD 26,ID 20)	VP20 (OD 26,ID 20)	VP20 (OD 26,ID 20)		
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	31.0/29.0/26.0	32.0/30.0/27.0	32.0/30.0/27.0	33.0/32.0/30.0	33.0/32.0/30.0
	Sound Power	High / Mid / Low	dBA	-	-	-	-	-
Dimensions	Net Weight		kg	19.00	19.00	19.50	24.50	24.50
	Shipping Weight		kg	23.00	23.00	23.50	28.50	28.50
	Net Dimensions (WxDHDD)		mm	700 x 199 x 600	700 x 199 x 600	700 x 199 x 600	900 x 199 x 600	900 x 199 x 600
	Shipping Dimensions (WxDHDD)		mm	950 x 280 x 710	950 x 280 x 710	950 x 280 x 710	1150 x 280 x 710	1150 x 280 x 710
Panel Size	Panel Model		-	-	-	-	-	-
	Panel Net Weight		kg	-	-	-	-	-
	Shipping Weight		kg	-	-	-	-	-
	Net Dimensions (WxDHDD)		mm	-	-	-	-	-
	Shipping Dimensions (WxDHDD)		mm	-	-	-	-	-
Additional Accessories	Drain Pump	Drain Pump	-	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D
		Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-
	Air Filter		-	-	-	-	-	-

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Optional Accessories

Individual Controllers

MWR-WE10

MWR-WH0*

MWR-SH00

MR-DH00

MRK-A00

MRW-10A

Panel

MDP-E075SEE3

DVM Specification - Indoor Units

Slim Duct



- Flexible Installation
- Easier Drain Pump Installation
- Slim Design
- Easy to Maintain



Model				AM071FNLDEH/EU	AM090FNLDEH/EU	AM112FNLDEH/EU	AM128FNLDEH/EU	AM140FNLDEH/EU
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode				HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	7.10	9.00	11.20	12.80	14.00
			Btu/h	24,200	30,700	38,200	43,700	47,800
		Heating	kW	8.00	10.00	12.50	13.80	16.00
			Btu/h	27,300	34,100	42,700	47,100	54,600
Power	Power Input (Nominal)	Cooling	W	120.00	170.00	170.00	200.00	220.00
		Heating	W	120.00	170.00	170.00	200.00	220.00
	Current Input (Nominal)	Cooling	A	0.60	0.96	0.96	1.13	1.24
		Heating	A	0.60	0.96	0.96	1.13	1.24
Fan	Motor	Type		Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output	W	-	-	-	-	-
	Air Flow Rate	High / Mid / Low (UL)	CMM	16.50/15.00/13.50	29.00/27.00/25.00	31.20/29.00/27.00	34.00/32.00/30.00	36.00/34.00/32.00
			l/s	275.00/250.00/225.00	483.33/450.00/416.67	520.00/483.33/450.00	566.67/533.33/500.00	600.00/566.67/533.33
Piping Connections	Liquid Pipe	Φ, inch	mm	9.52	9.52	9.52	9.52	9.52
			inch	3/8"	3/8"	3/8"	3/8"	3/8"
	Gas Pipe	Φ, inch	mm	15.88	15.88	15.88	15.88	15.88
			inch	5/8"	5/8"	5/8"	5/8"	5/8"
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	VP20 (OD 26,ID 20)	VP20 (OD 26,ID 20)	VP20 (OD 26,ID 20)	VP20 (OD 26,ID 20)	VP20 (OD 26,ID 20)
			mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
			mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type			R410A	R410A	R410A	R410A	R410A
	Control Method			EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	36.0/34.0/32.0	40.0/38.0/36.0	40.0/38.0/36.0	41.0/40.0/38.0	41.0/40.0/38.0
	Sound Power	High / Mid / Low	dBA	-	-	-	-	-
Dimensions	Net Weight			31.00	43.00	43.00	46.00	46.00
	Shipping Weight			39.00	52.00	52.00	55.00	55.00
	Net Dimensions (WxDHDD)			1100 x 199 x 600	1300 x 295 x 690	1300 x 295 x 690	1300 x 295 x 690	1300 x 295 x 690
	Shipping Dimensions (WxDHDD)			1350 x 280 x 710	1575 x 370 x 835	1575 x 370 x 835	1575 x 370 x 835	1575 x 370 x 835
Panel Size	Panel Model			-	-	-	-	-
	Panel Net Weight			-	-	-	-	-
	Shipping Weight			-	-	-	-	-
	Net Dimensions (WxDHDD)			-	-	-	-	-
Additional Accessories	Drain Pump	Drain Pump		MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D
	Max. Lifting Height / Displacement	mm / liter/h		-	-	-	-	-
	Air Filter			-	-	-	-	-

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Optional Accessories

Individual Controllers

MWR-WE10

MWR-WH0*

MWR-SH00

MR-DH00

MRK-A00

MRW-10A

Panel

MDP-E075SEE3

DVM Specification - Indoor Units

Neo Forte



- Clean-cut Front Pane
- Silver Accent Line
- Bottom Opening Front Pane



Model				AM022FNTDEH/EU	AM028FNTDEH/EU	AM036FNTDEH/EU	AM056FNTDEH/EU	AM071FNTDEH/EU
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode				-	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2.20	2.80	3.60	5.60	6.80
			Btu/h	7,500	9,600	12,300	19,100	23,200
		Heating	kW	2.50	3.20	4.00	6.30	7.00
			Btu/h	8,500	10,900	13,600	21,500	23,900
Power	Power Input (Nominal)	Cooling	W	25.00	25.00	30.00	45.00	50.00
		Heating	W	25.00	25.00	30.00	45.00	50.00
	Current Input (Nominal)	Cooling	A	0.16	0.16	0.18	0.27	0.30
		Heating	A	0.16	0.16	0.18	0.27	0.30
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan
		Output	W	23 x 1	23 x 1	23 x 1	40 x 1	40 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	7.80/6.80/5.80	8.20/7.20/6.20	9.30/8.30/7.30	12.00/10.50/9.00	14.00/12.50/11.00
			l/s	130.00/113.33/96.67	136.67/120.00/103.33	155.00/138.33/121.67	200.00/175.00/150.00	233.33/208.33/183.33
	External Static Pressure	Min. / Std. / Max.	mmAq	-	-	-	-	-
			Pa	-	-	-	-	-
Piping Connections	Liquid Pipe		Φ, mm	6.35	6.35	6.35	6.35	9.52
			Φ, inch	1/4"	1/4"	1/4"	1/4"	3/8"
	Gas Pipe		Φ, mm	12.70	12.70	12.70	12.70	15.88
			Φ, inch	1/2"	1/2"	1/2"	1/2"	5/8"
Field Wiring	Drain Pipe		Φ, mm	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE
	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
Transmission Cable			mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A
	Control Method		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	32.0/28.0/23.0	32.0/28.0/23.0	36.0/30.0/23.0	40.0/35.0/30.0	41.0/36.0/30.0
			dBA	-	-	-	-	-
Dimensions	Net Weight		kg	8.00	8.00	8.00	13.00	13.00
	Shipping Weight		kg	9.00	9.00	9.00	16.00	16.00
	Net Dimensions (WxDHDD)		mm	825 x 285 x 189	825 x 285 x 189	825 x 285 x 189	1065 x 298 x 218	1065 x 298 x 218
	Shipping Dimensions (WxDHDD)		mm	900 x 349 x 252	900 x 349 x 252	900 x 349 x 252	1137 x 377 x 299	1137 x 377 x 299
Panel Size	Panel Model		-	-	-	-	-	-
	Panel Net Weight		kg	-	-	-	-	-
	Shipping Weight		kg	-	-	-	-	-
	Net Dimensions (WxDHDD)		mm	-	-	-	-	-
	Shipping Dimensions (WxDHDD)		mm	-	-	-	-	-
Additional Accessories	Drain Pump	Drain Pump	-	-	-	-	-	-
			Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-
Air Filter			-	-	-	-	-	-

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Optional Accessories

Individual Controllers

MWR-WE10

MWR-WH0*

MWR-SH00

MR-DH00

Standard Accessories

Panel

DVM Specification - Indoor Units

Neo Forte - E



- Clean-cut Front Pane
- Silver Accent Line
- Bottom Opening Front Pane
- Internal EEV



Model				AM022FNQDEH/EU	AM028FNQDEH/EU	AM036FNQDEH/EU	AM045FNQDEH/EU	AM056FNQDEH/EU	AM071FNQDEH/EU
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode				-	-	-	-	-	-
Performance	Capacity (Nominal)	Cooling	kW	2.20	2.80	3.60	4.50	5.60	6.80
			Btu/h	7,500	9,600	12,300	15,400	19,100	23,200
		Heating	kW	2.50	3.20	4.00	5.00	6.30	7.00
			Btu/h	8,500	10,900	13,600	17,100	21,500	23,900
Power	Power Input (Nominal)	Cooling	W	25.00	25.00	30.00	40.00	45.00	50.00
		Heating	W	25.00	25.00	30.00	40.00	45.00	50.00
	Current Input (Nominal)	Cooling	A	0.16	0.16	0.18	0.18	0.27	0.30
		Heating	A	0.16	0.16	0.18	0.18	0.27	0.30
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan
		Output	W	23 x 1	23 x 1	23 x 1	40 x 1	40 x 1	40 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	7.80/6.80/5.80	8.20/7.20/6.20	9.30/8.30/7.30	11.70/10.50/9.00	12.00/10.50/9.00	14.00/12.50/11.00
			l/s	130.00/113.33/96.67	136.67/120.00/103.33	155.00/138.33/121.67	195.00/170.00/145.00	200.00/175.00/150.00	233.33/208.33/183.33
	External Static Pressure	Min. / Std. / Max.	mmAq	-	-	-	-	-	-
			Pa	-	-	-	-	-	-
Piping Connections	Liquid Pipe		Φ, mm	6.35	6.35	6.35	6.35	6.35	9.52
			Φ, inch	1/4"	1/4"	1/4"	1/4"	1/4"	3/8"
	Gas Pipe		Φ, mm	12.70	12.70	12.70	12.70	12.70	15.88
			Φ, inch	1/2"	1/2"	1/2"	1/2"	1/2"	5/8"
Field Wiring	Drain Pipe		Φ, mm	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE
	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
			Transmission Cable	mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	35.0/30.0/26.0	35.0/30.0/26.0	39.0/32.0/26.0	39.0/36.0/33.0	42.0/38.0/33.0	44.0/39.0/33.0
	Sound Power	High / Mid / Low	dBA	-	-	-	-	-	-
Dimensions	Net Weight		kg	8.00	8.00	8.00	13.00	13.00	13.00
	Shipping Weight		kg	9.00	9.00	9.00	16.00	16.00	16.00
	Net Dimensions (WxDxH)		mm	825 x 285 x 189	825 x 285 x 189	825 x 285 x 189	1065 x 298 x 218	1065 x 298 x 218	1065 x 298 x 218
	Shipping Dimensions (WxDxH)		mm	900 x 349 x 252	900 x 349 x 252	900 x 349 x 252	1137 x 377 x 299	1137 x 377 x 299	1137 x 377 x 299
Panel Size	Panel Model		-	-	-	-	-	-	-
	Panel Net Weight		kg	-	-	-	-	-	-
	Shipping Weight		kg	-	-	-	-	-	-
	Net Dimensions (WxDxH)		mm	-	-	-	-	-	-
	Shipping Dimensions (WxDxH)		mm	-	-	-	-	-	-
Additional Accessories	Drain Pump	Drain Pump	-	-	-	-	-	-	-
		Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-	-
Air Filter			-	-	-	-	-	-	-

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Optional Accessories

Individual Controllers



MWR-WE10MWR-WH0*MWR-SH00MR-DH00

Standard Accessories

Panel



DVM Specification - Indoor Units



Console

- Slim & Smart Design
- 2Way Air Outlet
- Silent Operation



Ceiling

- 2Way Installation
- Compact but Powerful



Model				AM028FNJDEH/EU	AM036FNJDEH/EU	AM056FNJDEH/EU
Power Supply		Φ, #, V, Hz	-	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode		-	-	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2.80	3.60	5.60
			Btu/h	9,600	12,300	19,100
	Heating	kW	3.20	4.00	6.30	
			Btu/h	10,900	13,600	21,500
Power	Power Input (Nominal)	Cooling	W	30.00	35.00	62.00
		Heating		30.00	35.00	62.00
	Current Input (Nominal)	Cooling	A	0.25	0.29	0.49
		Heating		0.25	0.29	0.49
Fan	Motor	Type	-	Turbo Fan	Turbo Fan	Turbo Fan
		Output	W	37 x 1	37 x 1	37 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	7.00/6.00/5.00	8.50/7.50/6.50	13.00/11.50/10.00
			l/s	116.67/100.00/83.33	141.67/125.00/108.33	216.67/191.67/166.67
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35
		Φ, inch	1/4"	1/4"	1/4"	1/4"
	Gas Pipe	Φ, mm	12.70	12.70	12.70	12.70
		Φ, inch	1/2"	1/2"	1/2"	1/2"
Field Wiring	Drain Pipe	Φ, mm	VP18 (OD 19,ID 16)	VP18 (OD 19,ID 16)	VP18 (OD 19,ID 16)	VP18 (OD 19,ID 16)
			mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
	Power Source Wire	Below 20m / Over 20m	mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type	-	-	R410A	R410A	R410A
		Control Method	-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
	Sound Pressure	High / Mid / Low	dBA	38.0/30.0/23.0	39.0/32.0/24.0	44.0/34.0/25.0
		Sound Power	dBA	-	-	-
Dimensions	Net Weight		kg	15.00	15.00	15.00
		Shipping Weight	kg	20.00	20.00	20.00
	Net Dimensions (WxDHDD)		mm	720 x 620 x 199	720 x 620 x 199	720 x 620 x 199
		Shipping Dimensions (WxDHDD)	mm	810 x 710 x 295	810 x 710 x 295	810 x 710 x 295
Panel Size	Panel Model	-	-	-	-	-
		Panel Net Weight	kg	-	-	-
	Shipping Weight		kg	-	-	-
		Net Dimensions (WxDHDD)	mm	-	-	-
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm / liter/h	-	-	-
				-	-	-
	Air Filter			-	-	-
				-	-	-

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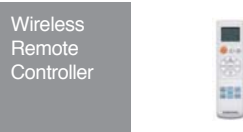
Optional Accessories



Model				AM056FNCDEH/EU	AM071FNCDEH/EU
Power Supply		Φ, #, V, Hz	-	1,2,220-240,50	1,2,220-240,50
Mode		-	-	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	5.60	7.10
			Btu/h	19,100	24,200
	Heating	kW	6.30	8.00	
			Btu/h	21,500	27,300
Power	Power Input (Nominal)	Cooling	W	72.00	80.00
		Heating		72.00	80.00
	Current Input (Nominal)	Cooling	A	0.33	0.35
		Heating		0.33	0.35
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan
		Output	W	47 x 1	47 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	14.00/13.00/12.00	18.00/16.50/15.00
			l/s	233.33/216.67/200.00	300.00/275.00/250.00
Piping Connections	Liquid Pipe	Φ, mm	6.35	9.52	
		Φ, inch	1/4"	3/8"	
	Gas Pipe	Φ, mm	12.70	15.88	
		Φ, inch	1/2"	5/8"	
Field Wiring	Drain Pipe	Φ, mm	VP18 (OD 19,ID 16)	VP18 (OD 19,ID 16)	VP18 (OD 19,ID 16)
			mm ²	1.5 ~ 2.5	1.5 ~ 2.5
	Power Source Wire	Below 20m / Over 20m	mm ²	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type	-	-	R410A	R410A
		Control Method	-	EEV NOT INCLUDED	EEV NOT INCLUDED
	Sound Pressure	High / Mid / Low	dBA	38.0/35.0/32.0	41.0/39.0/36.0
		Sound Power	dBA	-	-
Dimensions	Net Weight		kg	22.00	22.00
		Shipping Weight	kg	26.00	26.00
	Net Dimensions (WxDHDD)		mm	1000 x 650 x 200	1000 x 650 x 200
		Shipping Dimensions (WxDHDD)	mm	1074 x 726 x 294	1074 x 726 x 294
Panel Size	Panel Model	-	-	-	-
		Panel Net Weight	kg	-	-
	Shipping Weight		kg	-	-
		Net Dimensions (WxDHDD)	mm	-	-
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm / liter/h	-	-
				-	-
	Air Filter			-	-
				-	-

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Standard Accessories



DVM Specification - Indoor Units



Concealed

- 2Way Installation
- Compact but Powerful



Model				AM036FNFDEH/EU	AM056FNFDEH/EU	AM071FNFDEH/EU
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode				HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	3.60	5.60	7.10
			Btu/h	12,300	19,100	24,200
		Heating	kW	4.00	6.30	8.00
			Btu/h	13,600	21,500	27,300
Power	Power Input (Nominal)	Cooling	W	-	-	-
		Heating	W	-	-	-
	Current Input (Nominal)	Cooling	A	-	-	-
		Heating	A	-	-	-
Fan	Motor	Type		Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output	W	-	-	-
	Air Flow Rate	High / Mid / Low (UL)	CMM	10.00/-/-	16.50/-/-	16.50/-/-
			l/s	166.67/-/-	275.00/-/-	275.00/-/-
Piping Connections	Liquid Pipe		mmAq	-	-	-
			Pa	-	-	-
	Gas Pipe		Φ, mm	6.35	6.35	9.52
			Φ, inch	1/4"	1/4"	3/8"
Field Wiring	Power Source Wire	Below 20m / Over 20m	Φ, mm	12.70	12.70	15.88
			Φ, inch	1/2"	1/2"	5/8"
	Transmission Cable		Φ, mm	VP18 (OD 19,ID 16)	VP18 (OD 19,ID 16)	VP18 (OD 19,ID 16)
			mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
Refrigerant	Type		mm ³	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
				R410A	R410A	R410A
	Control Method			EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
				-	-	-
Sound	Sound Pressure	High / Mid / Low	dBA	-	-	-
			dBA	-	-	-
	Sound Power	High / Mid / Low		-	-	-
				-	-	-
Dimensions	Net Weight		kg	-	-	-
			kg	-	-	-
	Shipping Weight		mm	940 x 625 x 220	1185 x 625 x 220	1185 x 625 x 220
			mm	-	-	-
Panel Size	Panel Model			-	-	-
			kg	-	-	-
	Shipping Weight		kg	-	-	-
			mm	-	-	-
Additional Accessories	Net Dimensions (WxDHDD)		mm	-	-	-
			mm	-	-	-
	Shipping Dimensions (WxDHDD)			-	-	-
				-	-	-
Additional Accessories	Drain Pump	Drain Pump		-	-	-
			mm / liter/h	-	-	-
	Max. Lifting Height / Displacement			-	-	-
				-	-	-

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Optional Accessories


Individual Controllers



MWR-WE10MWR-WH0*MWR-SH00MR-DH00

Standard Accessories

Wireless Remote Controller



DVM Specification - Indoor Units



Concealed (DVM Plus IV)

- 2Way Installation
- Compact but Powerful



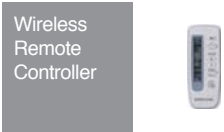
Model				AM036FBFDEH/EU	AM056FBFDEH/EU	AM071FBFDEH/EU
Power Supply		Φ, #, V, Hz				
Mode		-				
Performance	Capacity (Nominal)	Cooling	kW			
			Btu/h			
		Heating	kW			
			Btu/h			
Power	Power Input (Nominal)	Cooling	W			
		Heating				
	Current Input (Nominal)	Cooling	A			
		Heating				
Fan	Motor	Type	-			
		Output	W			
	Air Flow Rate	High / Mid / Low (UL)	CMM			
			l/s			
Piping Connections	Liquid Pipe		Φ, mm			
			Φ, inch			
	Gas Pipe		Φ, mm			
			Φ, inch			
Field Wiring	Power Source Wire	Below 20m / Over 20m	Φ, mm			
			mm ²			
	Transmission Cable		mm ²			
Refrigerant	Type		-			
	Control Method		-			
Sound	Sound Pressure	High / Mid / Low	dBA			
	Sound Power	High / Mid / Low	dBA			
Dimensions	Net Weight		kg			
	Shipping Weight		kg			
	Net Dimensions (WxDHDD)		mm			
	Shipping Dimensions (WxDHDD)		mm			
Panel Size	Panel Model		-			
	Panel Net Weight		kg			
	Shipping Weight		kg			
	Net Dimensions (WxDHDD)		mm			
Additional Accessories	Drain Pump	Drain Pump	-			
		Max. Lifting Height / Displacement	mm / liter/h			
	Air Filter		-			

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Optional Accessories



Standard Accessories



DVM Specification - ERV



ERV PLUS

- Damper
- Humidifier element (Optional)
- Dust Filter
- Control Box
- CO₂ Sensor (Optional)
- Energy Saving Operation (Auto Mode)
- Slim Design
- S-Plasma ion (Optional)
- Direct Expansion (DX) Coil
- Supply/Exhaust Fan
- Heat Exchanger Element
- Temperature Sensor
- BLDC Fan Motor
- New Diamond Type Element
- Silent Operation

Model				AM050FNKDEH/EU	AM100FNKDEH/EU
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50
Mode		-		HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	3.60	7.10
			Btu/h	12,300	24,200
		Heating	kW	4.00	8.00
			Btu/h	13,600	27,300
Power	Power Input (Nominal)	Cooling	W	220.00	510.00
		Heating		220.00	510.00
	Current Input (Nominal)	Cooling	A	1.70	3.70
		Heating		1.70	3.70
Fan	Motor	Type	-	Sirroco Fan / BLDC	Sirroco Fan / BLDC
		Output	W	60 x 2	100 x 2
	Air Flow Rate	High / Mid / Low (UL)	CMM	8.33/-/-	16.67/-/-
			l/s	138.89/-/-	277.78/-/-
Piping Connections	Liquid Pipe		Φ, mm	6.35	6.35
			Φ, inch	1/4"	1/4"
	Gas Pipe		Φ, mm	12.70	12.70
			Φ, inch	1/2"	1/2"
Field Wiring	Power Source Wire	Below 20m / Over 20m	Φ, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
			mm ²	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	38.5/-/-	40.5/-/-
	Sound Power	High / Mid / Low	dBA	-	-
Dimensions	Net Weight		kg	61.00	90.00
	Shipping Weight		kg	75.20	107.50
	Net Dimensions (WxDHDD)		mm	1553 x 270 x 1000	1763 x 3340 x 1135
	Shipping Dimensions (WxDHDD)		mm	1847 x 349 x 1300	2027 x 428 x 1424
Panel Size	Panel Model		-	-	-
	Panel Net Weight		kg	-	-
	Shipping Weight		kg	-	-
	Net Dimensions (WxDHDD)		mm	-	-
Additional Accessories	Drain Pump	Drain Pump	-	-	-
		Max. Lifting Height / Displacement	mm / liter/h	-	-
	Air Filter		-	-	-

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Optional Accessories



FJM Lineup - Outdoor Units

FREE JOINT MULTI

4kW

5kW

5.2kW



6.8kW

7kW

8kW


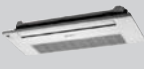







10kW









FJM Lineup & Feature - Indoor Units





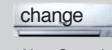













Cassette

MODEL		 Mini 4Way S	 Slim 1Way
CAPACITY	1.6	●	
	2.0	●	
	2.6	●	●
	3.0		
	3.5	●	●
	5.2	●	
FEATURES	 Powerful Airflow	●	●
	 Ceiling Dust Prevention	●	●
	 High Lift-up Drain Pump	●	●
	 Sub Duct	●	
	 Fresh Air Intake	●	







Duct

MODEL		 MSP	 Slim
CAPACITY	2.6		●
	3.5		●
	5.2	●	
FEATURES	 Anti-virus Filter	●	●
	 Easy Filter Cleaning	●	●
	 High Lift-Up Drain Pump	●	●
	 Smart Pressure Control	●	●

Wall-mounted

MODEL		 Y Series	 P Series	 P Plus Series	 Crystal	 New Crystal	 Neo Forte
CAPACITY	2.0		●	●	●		●
	2.6	●	●	●	●	●	●
	3.5	●	●	●	●	●	●
	5.2	●	●	●	●	●	●
	7.0		●	●		●	
FEATURES	 S-Plasma ion	●	●	●	●		
	 Full HD Filter	●	●	●	●		
	 DNA Filter						
	 Deodorizing Filter				●	●	●
	 Catechin Filter				●		
	 Smart Inverter	●	●	●	●	●	●
	 Smart Saver		●	●	●		
	 d'light Cool	●			●		
	 good'sleep	●	●	●	●	●	●
	 Wide Twin Blade	●					
	 3D Wind	●					
	 Turbo Cooling	●	●	●	●		

Console

MODEL		 Console
CAPACITY	2.6	●
	3.5	●
	5.2	●
FEATURES	 S-Plasma ion	●
	 Interior Design	●
	 Anti-virus Filter	●
	 Lightweight Unit	●
	 Flexible Pipe Installation	●



Free Joint Multi

- One Outdoor Unit, Multiple Indoor Units
- Universal Indoor Units
- Twin BLDC Compressor
- Sine Wave Controller
- Sound Insulator for the Compressor
- Easy Installation

Model Name				AJ040FCJ2EH/EU		AJ050FCJ2EH/EU		AJ052FCJ3EH/EU		AJ068FCJ3EH/EU		
Power Supply				Φ, #, V, Hz		1,2,220-240,50		1,2,220-240,50		1,2,220-240,50		
Mode				-		HEAT PUMP		HEAT PUMP		HEAT PUMP		
Performance	HP		HP	1.50		1.80		2.00		2.50		
	Capacity (Nominal)	Cooling	kW	4.00		5.00		5.20		6.80		
			Btu/h	13,600		17,100		23,200				
			kW	4.40		5.70		6.30		8.00		
Btu/h			15,000		19,400		21,500		27,300			
Power	Power Input (Nominal)	Cooling 1)	kW	1.02		1.32		1.35		2.00		
		Heating 2)		0.99		1.35		1.40		1.91		
	Current Input (Nominal)	Cooling 1)	A	4.70		6.00		6.20		9.20		
		Heating 2)		4.50		6.20		6.40		8.70		
	MCA			9.80 (MCA)		11.80 (MCA)		12.20 (MCA)		15.44 (MCA)		
	MFA			11.25		13.75		13.75		17.50		
COP	Nominal Cooling 1)	-		3.92		3.79		3.85		3.40		
	Nominal Heating 2)	-		4.44		4.22		4.50		4.19		
Compressor	Type	-		Twin BLDC Rotary x 1		Twin BLDC Rotary x 1		Twin BLDC Rotary x 1		Twin BLDC Rotary x 1		
	Output	kW x n		(4.45)		(4.45)		(1.79)		(1.79)		
	Model Name	-		UG4T150FUDJQSS x 1		UG4T150FUDJQSS x 1		UG4T200FUAE4SS x 1		UG4T200FUAE4SS x 1		
	Oil	Type	-		POE		POE		POE		POE	
Fan	Initial Charge		cc		650		650		650		650	
	Type	-		Propeller Fan/BLDC		Propeller Fan/BLDC		Propeller Fan/BLDC		Propeller Fan/BLDC		
	Output x n	W		35 x 1		35 x 1		45 x 1		124 x 1		
	Air Flow Rate	CMM		30		33		38		48		
			l/s		506.67		551.67		633.33		791.67	
	External Static Pressure	Max.	mmAq Pa		- -		- -		- -		- -	
Piping Connections	Liquid Pipe	Φ, mm		6.35 x 2		6.35 x 2		6.35 x 3		6.35 x 3		
		Φ, inch		1/4" x 2		1/4" x 2		1/4" x 3		1/4" x 3		
		Φ, mm		9.52 x 2		9.52 + 12.70		9.52 x 2 + 12.70		9.52 + 12.70 x 2		
		Φ, inch		3/8" x 2		3/8" + 1/2"		3/8" x 2 + 1/2"		3/8" + 1/2" x 2		
	Discharge Gas Pipe	(DVM PLUS IV HR)	Φ, mm		20(25)		20(25)		20(25)		20(25)	
			Φ, inch		15(15)		15(15)		15(15)		15(15)	
	Oil Equalizing Pipe		Φ, mm		2.5 ~ 2.5		2.5 ~ 2.5		2.5 ~ 2.5		2.5 ~ 2.5	
			Φ, inch		0.75 ~ 1.0		0.75 ~ 1.0		0.75 ~ 1.0		0.75 ~ 1.0	
Installation Limitation	Max. Length	m		R410A		R410A		R410A		R410A		
	Max. Height	m		1.30		1.60		2.20		2.20		
Field Wiring	Power Source Wire	mm2		61.0		61.0		61.0		63.0		
	Transmission Cable	mm2		-		-		-		-		
Refrigerant	Type	-		37.0		40.0		49.0		57.0		
	Factory Charging	kg		40.0		43.0		53.0		61.0		
Sound	Sound Pressure	dB(A)		790 x 545 x 285		790 x 545 x 285		880 x 638 x 310		880 x 798 x 310		
	Sound Power			926 x 599 x 382		926 x 599 x 382		1,053 x 695 x 413		1,023 x 889 x 413		
External Dimension	Net Weight	DVM PLUS IV HP	kg	-5.0 ~ 46.0		-5.0 ~ 46.0		-5.0 ~ 46.0		-5.0 ~ 46.0		
		DVM PLUS IV HR		-15.0 ~ 24.0		-15.0 ~ 24.0		-15.0 ~ 24.0		-15.0 ~ 24.0		
	Shipping Weight	DVM PLUS IV HP	kg	206.0		206.0		254.0		319.0		
		DVM PLUS IV HR		211.0		211.0		260.0		325.0		
	Net Dimensions (WxHxD)	mm		880 x 1,695 x 765		880 x 1,695 x 765		1,295 x 1,695 x 765		1,295 x 1,695 x 765		
Shipping Dimensions (WxHxD)	mm		948 x 1,857 x 832		948 x 1,857 x 832		1,363 x 1,857 x 832		1,363 x 1,857 x 832			
Operating Temp. Range	Cooling	°C		-5.0 ~ 48.0		-5.0 ~ 48.0		-5.0 ~ 48.0		-5.0 ~ 48.0		
	Heating	°C		-20.0 ~ 24.0		-20.0 ~ 24.0		-20.0 ~ 24.0		-20.0 ~ 24.0		

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Free Joint Multi

- One Outdoor Unit, Multiple Indoor Units
- Universal Indoor Units
- Twin BLDC Compressor
- Sine Wave Controller
- Sound Insulator for the Compressor
- Easy Installation

Model Name				AJ070FCJ4EH/EU	AJ080FCJ4EH/EU	AJ100FCJ5EH/EU	
Power Supply				Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50	
Mode				-	HEAT PUMP	HEAT PUMP	
Performance	HP		HP	2.50	3.00	3.50	
			kW	7.00	8.00	10.00	
	Capacity (Nominal)	Cooling	Btu/h	23,900	27,300	34,100	
			kW	8.60	9.30	12.00	
		Heating	Btu/h	29,300	31,700	40,900	
Power	Power Input (Nominal)	Cooling 1)	kW	1.90	2.30	2.90	
		Heating 2)	kW	2.00	2.20	2.93	
	Current Input (Nominal)	Cooling 1)	A	8.70	10.50	13.30	
		Heating 2)		9.20	10.10	13.40	
	MCA			18.68 (MCA)	18.68 (MCA)	26.12 (MCA)	
	MFA			20.75	20.75	28.75	
COP	Nominal Cooling 1)			-	3.48	3.45	
	Nominal Heating 2)			-	4.23	4.10	
Compressor	Type			-	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1	
	Output			kW x n	(7.77)	(11.37)	
	Model Name			-	G8T260FUAEW-SS x 1	UG8T300FUBJUSG x 1	
		Type			-	POE	POE
	Oil			Initial Charge	cc	700	1200
Fan	Type			-	Propeller Fan/BLDC	Propeller Fan/BLDC	
	Output x n			W	124 x 1	124 x 1	150 x 1
	Air Flow Rate			CMM	46	47	71
				l/s	770.00	781.67	1,176.67
	External Static Pressure	Max.	mmAq	-	-	-	-
			Pa	-	-	-	-
Piping Connections	Liquid Pipe			Φ, mm	6.35 x 4	6.35 x 4	6.35 x 5
				Φ, inch	1/4" x 4	1/4" x 4	1/4" x 5
	Gas Pipe			Φ, mm	9.52 x 2 + 12.70 x 2	9.52 x 2 + 12.70 x 2	9.52 x 2 + 12.70 x 3
				Φ, inch	3/8" x 2 + 1/2" x 2	3/8" x 2 + 1/2" x 2	3/8" x 2 + 1/2" x 3
	Discharge Gas Pipe	(DVM PLUS IV HR)	Φ, mm	25(30)	25(30)	25(30)	
			Φ, inch	15(15)	15(15)	15(15)	
	Oil Equalizing Pipe			Φ, mm	2.5 ~ 2.5	2.5 ~ 2.5	4.0 ~ 4.0
				Φ, inch	0.75 ~ 1.0	0.75 ~ 1.0	0.75 ~ 1.0
	Installation Limitation	Max. Length			m	R410A	R410A
			Max. Height			m	2.80
Power Source Wire				mm2	63.0	63.0	70.0
Field Wiring	Transmission Cable			mm2	-	-	-
	Type			-	65.0	65.0	74.5
Refrigerant	Factory Charging			kg	70.0	70.0	80.0
	Sound Pressure			dB(A)	880 x 798 x 310	880 x 798 x 310	940 x 998 x 330
Sound	Sound Power				1,023 x 889 x 413	1,023 x 889 x 413	995 x 1,096 x 426
	Net Weight	DVM PLUS IV HP	kg	-5.0 ~ 46.0	-5.0 ~ 46.0	-10.0 ~ 46.0	
DVM PLUS IV HR				-15.0 ~ 24.0	-15.0 ~ 24.0	-15.0 ~ 24.0	
External Dimension	Shipping Weight	DVM PLUS IV HP	kg	206.0	206.0	319.0	
				DVM PLUS IV HR	211.0	211.0	325.0
	Net Dimensions (WxHxD)			mm	880 x 1,695 x 765	880 x 1,695 x 765	1,295 x 1,695 x 765
	Shipping Dimensions (WxHxD)			mm	948 x 1,857 x 832	948 x 1,857 x 832	1,363 x 1,857 x 832
Operating Temp. Range	Cooling			°C	-5.0 ~ 48.0	-5.0 ~ 48.0	-5.0 ~ 48.0
	Heating			°C	-20.0 ~ 24.0	-20.0 ~ 24.0	-20.0 ~ 24.0

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Mini 4Way Cassette S

- Compact and Light Unit
- S-Plasma ion (Optional)
- Motion Detect Sensor (Optional)
- No Overflowing Drain Water



Model		AJN016NDEHA/EU		AJN020NDEHA/EU		AJN026NDEHA/EU		AJN035NDEHA/EU		AJN052NDEHA/EU	
Power Supply		Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode		-	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	1.60	2.00	2.60	3.50	5.20	5.20	17,700	17,700
			Btu/h	5,500	6,800	8,900	11,900	17,700	17,700	17,700	17,700
		Heating	kW	2.00	2.20	2.90	3.80	5.60	5.60	19,100	19,100
			Btu/h	6,800	7,500	9,900	13,000	19,100	19,100	19,100	19,100
Power	Power Input (Nominal)	Cooling	W	19.00	19.00	19.00	22.00	28.00	28.00	28.00	28.00
		Heating	W	19.00	19.00	19.00	22.00	28.00	28.00	28.00	28.00
	Current Input (Nominal)	Cooling	A	0.51	0.51	0.51	0.52	0.53	0.53	0.53	0.53
		Heating	A	0.51	0.51	0.51	0.52	0.53	0.53	0.53	0.53
Fan	Motor	Type	-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
		Output	W	65 x 1	65 x 1	65 x 1	65 x 1	65 x 1	65 x 1	65 x 1	65 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	9.90/8.20/6.90	9.90/8.20/6.90	9.90/8.20/6.90	10.70/9.00/7.40	12.40/10.70/9.00	12.40/10.70/9.00	12.40/10.70/9.00	12.40/10.70/9.00
		l/s	l/s	165.00/136.67/115.00	165.00/136.67/115.00	165.00/136.67/115.00	178.33/150.00/123.33	206.67/178.33/150.00	206.67/178.33/150.00	206.67/178.33/150.00	206.67/178.33/150.00
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35
		Φ, inch	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
	Gas Pipe	Φ, mm	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52
		Φ, inch	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1	1	1	1	1	1	1	1
		Transmission Cable	mm ²	0.75 ~ 1	0.75 ~ 1	0.75 ~ 1	0.75 ~ 1	0.75 ~ 1	0.75 ~ 1	0.75 ~ 1	0.75 ~ 1
	Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
		Control Method	-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)	34.0/29.0/27.0	34.0/29.0/27.0	34.0/29.0/27.0	36.0/32.0/28.0	40.0/36.0/33.0	40.0/36.0/33.0	40.0/36.0/33.0	40.0/36.0/33.0
		Sound Power	dB(A)	-	-	-	-	-	-	-	-
	Dimensions	Net Weight	kg	11.00	11.00	11.00	11.00	11.70	11.70	11.70	11.70
		Shipping Weight	kg	13.00	13.00	13.00	13.00	13.70	13.70	13.70	13.70
Panel Size	Panel Model	Net Dimensions (WDHDD)	mm	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575
		Shipping Dimensions (WDHDD)	mm	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653
	Panel Net Weight	Net Dimensions (WDHDD)	mm	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670	670 x 45 x 670
		Shipping Dimensions (WDHDD)	mm	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724	714 x 106 x 724
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-	-	-	-
		Air Filter	-	-	-	-	-	-	-	-	-
	Air Filter	Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-	-	-	-
		Air Filter	-	-	-	-	-	-	-	-	-


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Optional Accessories

Individual Controllers



MWR-WE10



MWR-WH0*



MWR-SH00



MR-DH00

Panel



PC4SUSMA



PC4SUSME

Slim 1Way Cassette



- Slim and Compact Design
- Quiet Operation
- No Overflowing Drain Water



Model				MH026FSEA	MH035FSEA
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50
Mode			-	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2.60	3.50
			Btu/h	8,900	11,900
		Heating	kW	2.90	3.80
			Btu/h	9,900	13,000
Power	Power Input (Nominal)	Cooling	W	45.00	50.00
		Heating		45.00	50.00
	Current Input (Nominal)	Cooling	A	0.23	0.25
		Heating		0.23	0.25
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan
		Output	W	80 x 1	80 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	6.20/5.20/4.20	7.60/6.60/5.60
			l/s	103.33/86.67/70.00	126.67/110.00/93.33
	External Static Pressure	Min. / Std. / Max.	mmAq	-	-
			Pa	-	-
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	
		Φ, inch	1/4"	1/4"	
	Gas Pipe	Φ, mm	9.52	9.52	
		Φ, inch	3/8"	3/8"	
Field Wiring	Drain Pipe	Φ, mm	VP20 (OD 26,ID 20)	VP20 (OD 26,ID 20)	
	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A
	Control Method		-	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	30.0/28.0/25.0	32.0/30.0/27.0
	Sound Power	High / Mid / Low	dBA	-	-
Dimensions	Net Weight		kg	11.00	11.00
	Shipping Weight		kg	14.00	14.00
	Net Dimensions (WDHDD)		mm	970 x 135 x 410	970 x 135 x 410
	Shipping Dimensions (WDHDD)		mm	1164 x 212 x 478	1164 x 212 x 478
Panel Size	Panel Model		-	PSSMA	PSSMA
	Panel Net Weight		kg	3.10	3.10
	Shipping Weight		kg	4.50	4.50
	Net Dimensions (WDHDD)		mm	1180 x 25 x 460	1180 x 25 x 460
	Shipping Dimensions (WDHDD)		mm	1259 x 144 x 539	1259 x 144 x 539
Additional Accessories	Drain Pump	Drain Pump	-	-	-
		Max. Lifting Height / Displacement	mm / liter/h	-	-
	Air Filter		-	-	-

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Optional Accessories

Individual Controllers

MWR-WE10

MWR-WH0*

MWR-SH00

MR-DH00

Panel

PSSMA

PC1NUPMA

MSP Duct



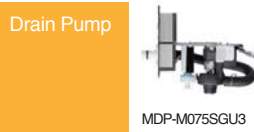
- Narrow Width
- Strong and Large Coverage Area
- Silent Operation with the Static Pressure Control
- Easy to Maintain



Model		MH052FUEA	
Power Supply		Φ, #, V, Hz	1,2,220-240,50
Mode		-	HP/HR
Performance	Capacity (Nominal)	Cooling	kW
			Btu/h
		Heating	kW
			Btu/h
Power	Power Input (Nominal)	Cooling	W
		Heating	W
	Current Input (Nominal)	Cooling	A
		Heating	A
Fan	Motor	Type	-
		Output	W
	Air Flow Rate	High / Mid / Low (UL)	CMM
			l/s
Piping Connections	Liquid Pipe	Φ, mm	6.35
		Φ, inch	1/4"
	Gas Pipe	Φ, mm	12.70
		Φ, inch	1/2"
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²
			mm ²
	Transmission Cable		mm ²
			mm ²
Refrigerant	Type		-
			R410A
	Control Method		-
			EEV NOT INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA
			dBA
	Sound Power	High / Mid / Low	dBA
			dBA
Dimensions	Net Weight		kg
			kg
	Net Dimensions (WxDHDD)		mm
			mm
Panel Size	Panel Model		-
			-
	Panel Net Weight		kg
			kg
Additional Accessories	Drain Pump	Drain Pump	-
		Max. Lifting Height / Displacement	mm / liter/h
	Air Filter		-
			-

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Optional Accessories



Standard Accessories



Slim Duct



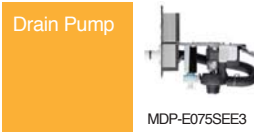
- Flexible Installation
- Easier Drain Pump Installation
- Slim Design
- Easy to Maintain



Model		NJ026LHXEA		NJ035LHXEA	
Power Supply		Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50	
Mode		-	HP/HR	HP/HR	
Performance	Capacity (Nominal)	Cooling	kW	2.60	
			Btu/h	8,900	
		Heating	kW	2.90	
			Btu/h	9,900	
Power	Power Input (Nominal)	Cooling	W	80.00	
		Heating	W	80.00	
	Current Input (Nominal)	Cooling	A	0.40	
		Heating	A	0.40	
Fan	Motor	Type	-	Sirocco Fan	
		Output	W	80 x 1	
	Air Flow Rate	High / Mid / Low (UL)	CMM	8.60/7.60/6.60	
			l/s	143.33/126.67/110.00	
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	
		Φ, inch	1/4"	1/4"	
	Gas Pipe	Φ, mm	9.52	9.52	
		Φ, inch	3/8"	3/8"	
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	
			mm ²	0.75 ~ 1.50	
	Transmission Cable		mm ²	0.75 ~ 1.50	
			mm ²	0.75 ~ 1.50	
Refrigerant	Type		-	R410A	
			-	R410A	
	Control Method		-	EEV NOT INCLUDED	
			-	EEV NOT INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dBA	30.0/28.0/25.0	
			dBA	-	
	Sound Power	High / Mid / Low	dBA	-	
			dBA	-	
Dimensions	Net Weight		kg	26.00	
			kg	31.00	
	Net Dimensions (WxDHDD)		mm	900 x 199 x 600	
			mm	1133 x 330 x 730	
Panel Size	Panel Model		-	-	
			-	-	
	Panel Net Weight		kg	-	
			kg	-	
Additional Accessories	Drain Pump	Drain Pump	-	MDP-E075SEE3	
		Max. Lifting Height / Displacement	mm / liter/h	-	
	Air Filter		-	-	
			-	-	

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Optional Accessories



Standard Accessories



Y Series (Jungfrau Premium)



- S-Plasma ion
- Smart Inverter
- good' sleep
- Wide Twin Blade
- Full HD Filter
- d'light cool
- 3D Wind
- Turbo Cooling



Model				AR09FSSYAWTNEU		AR12FSSYAWTNEU		AR18FSSYAWTNEU	
Power Supply		Φ, #, V, Hz		1,2,220-240,50		1,2,220-240,50		1,2,220-240,50	
Mode		-		HP/HR		HP/HR		HP/HR	
Performance	Capacity (Nominal)	Cooling	kW	2.50		3.50		5.00	
			Btu/h	8,500		11,900		17,100	
		Heating	kW	3.20		4.00		6.00	
			Btu/h	10,900		13,600		20,500	
Power	Power Input (Nominal)	Cooling	W	50.00		50.00		50.00	
		Heating	W	50.00		50.00		50.00	
	Current Input (Nominal)	Cooling	A	0.40		0.40		0.40	
		Heating	A	0.40		0.40		0.40	
Fan	Motor	Type	-	Crossflow Fan		Crossflow Fan		Crossflow Fan	
		Output	W	27 x 1		27 x 1		27 x 1	
	Air Flow Rate	High / Mid / Low (UL)	CMM	11.60/10.30/9.00		13.80/11.40/9.00		14.50/12.80/11.00	
			l/s	193.33/171.67/150.00		230.00/190.00/150.00		241.67/213.33/183.33	
	External Static Pressure	Min. / Std. / Max.	mmAq	-		-		-	
			Pa	-		-		-	
Piping Connections	Liquid Pipe	Φ, mm	6.35		6.35		6.35		
		Φ, inch	1/4"		1/4"		1/4"		
	Gas Pipe	Φ, mm	9.52		9.52		12.70		
		Φ, inch	3/8"		3/8"		1/2"		
	Drain Pipe	Φ, mm	VP18 (OD 19,ID 16)		VP18 (OD 19,ID 16)		VP18 (OD 19,ID 16)		
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5		1.5 ~ 2.5		1.5 ~ 2.5	
	Transmission Cable		mm ²	0.75 ~ 1.5		0.75 ~ 1.5		0.75 ~ 1.5	
Refrigerant	Type		-	R410A		R410A		R410A	
	Control Method		-	EEV NOT INCLUDED		EEV NOT INCLUDED		EEV NOT INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dBA	39.0/30.0/21.0		41.0/31.0/21.0		44.0/35.0/26.0	
	Sound Power	High / Mid / Low	dBA	-		-		-	
Dimensions	Net Weight		kg	10.50		10.50		11.20	
	Shipping Weight		kg	13.00		13.00		14.00	
	Net Dimensions (W×H×D)		mm	880 x 313 x 237		880 x 313 x 237		880 x 313 x 237	
	Shipping Dimensions (W×H×D)		mm	954 x 381 x 317		954 x 381 x 317		954 x 381 x 317	
Panel Size	Panel Model		-	-		-		-	
	Panel Net Weight		kg	-		-		-	
	Shipping Weight		kg	-		-		-	
	Net Dimensions (W×H×D)		mm	-		-		-	
	Shipping Dimensions (W×H×D)		mm	-		-		-	
Additional Accessories	Drain Pump	Drain Pump	-	-		-		-	
		Max. Lifting Height / Displacement	mm / liter/h	-		-		-	
	Air Filter		-	-		-		-	

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Optional Accessories


Individual Controllers



MWR-WE10MWR-WH07MWR-SH00MR-DH00MIM-A00

Standard Accessories

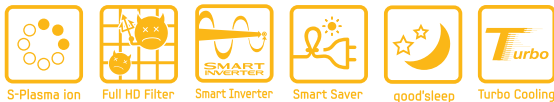
Wireless Remote Controller





P Series (Maldives)

- Full HD Filter
- Smart Saver
- Turbo Cooling
- Triple Protector (Optional)
- Smart Inverter
- good⁺ sleep
- Quiet Mode
- S-Plasma ion



Model				AR07FSFPDGMNEU	AR09FSFPDGMNEU	AR12FSFPDGMNEU	AR18FSFPDGMNEU	AR24FSFPDGMNEU
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode		-		HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2.00	2.50	3.50	5.00	6.80
			Btu/h	6,800	8,500	11,900	17,100	23,200
		Heating	kW	2.20	3.30	4.00	6.00	7.80
			Btu/h	7,500	11,300	13,600	20,500	26,600
Power	Power Input (Nominal)	Cooling	W	30.00	35.00	40.00	35.00	53.00
		Heating	W	30.00	35.00	40.00	35.00	53.00
	Current Input (Nominal)	Cooling	A	0.18	0.19	0.20	0.30	0.46
		Heating	A	0.18	0.19	0.20	0.30	0.46
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan
		Output	W	23 x 1	23 x 1	23 x 1	27 x 1	27 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	7.90/7.00/6.10	9.40/8.70/7.90	10.10/9.00/7.90	14.20/12.30/11.20	17.80/14.30/10.60
			l/s	131.67/116.67/101.67	156.67/145.00/131.67	168.33/150.00/131.67	236.67/205.00/186.67	296.67/238.33/176.67
Piping Connections	Liquid Pipe	Φ, mm	Φ, mm	6.35	6.35	6.35	6.35	6.35
			Φ, inch	1/4"	1/4"	1/4"	1/4"	1/4"
	Gas Pipe	Φ, mm	Φ, mm	9.52	9.52	9.52	12.70	15.88
			Φ, inch	3/8"	3/8"	3/8"	1/2"	5/8"
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
			mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
	Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A
		Control Method	-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)	36.0/29.0/21.0	37.0/-/25.0	38.0/-/25.0	39.0/-/26.0	44.0/-/28.0
			dB(A)	-	-	-	-	-
	Net Weight	Shipping Weight	kg	9.00	9.00	9.00	13.00	13.00
			kg	11.00	11.00	11.00	16.00	16.00
Dimensions	Net Dimensions (WDHDD)	Shipping Dimensions (WDHDD)	mm	820 x 286 x 205	820 x 285 x 205	820 x 285 x 205	1065 x 298 x 230	1065 x 298 x 230
			mm	892 x 355 x 263	892 x 355 x 263	892 x 355 x 263	1137 x 377 x 299	1137 x 377 x 299
Panel Size	Panel Model	Panel Net Weight	-	-	-	-	-	-
			kg	-	-	-	-	-
	Shipping Weight	Net Dimensions (WDHDD)	kg	-	-	-	-	-
			mm	-	-	-	-	-
Additional Accessories	Drain Pump	Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-
			mm / liter/h	-	-	-	-	-
	Air Filter	-	-	-	-	-	-	-
			-	-	-	-	-	-

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Optional Accessories


Individual Controllers



MWR-WE10MWR-WH0*MWR-SH00MR-DH00MIM-A00

Standard Accessories

Wireless Remote Controller





P Plus Series

- Full HD Filter
- Smart Saver
- Turbo Cooling
- Triple Protector (Optional)
- Smart Inverter
- good⁺ sleep
- Quiet Mode
- S-Plasma ion



Model				AR07FSFPESNNEU	AR09FSFPESNNEU	AR12FSFPESNNEU	AR18FSFPESNNEU	AR24FSFPESNNEU
Power Supply		Φ, #, V, Hz	-	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode			-	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2.00	2.50	3.50	5.00	6.80
			Btu/h	6,800	8,500	11,900	17,100	23,200
		Heating	kW	2.20	3.30	4.00	6.00	7.80
			Btu/h	7,500	11,300	13,600	20,500	26,600
Power	Power Input (Nominal)	Cooling	W	30.00	35.00	40.00	35.00	53.00
		Heating	W	30.00	35.00	40.00	35.00	53.00
	Current Input (Nominal)	Cooling	A	0.18	0.19	0.20	0.30	0.46
		Heating	A	0.18	0.19	0.20	0.30	0.46
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan
		Output	W	23 x 1	23 x 1	23 x 1	27 x 1	27 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	7.90/7.00/6.10	9.40/8.70/7.90	10.10/9.00/7.90	14.20/12.30/11.20	17.80/14.30/10.60
			l/s	131.67/116.67/101.67	156.67/145.00/131.67	168.33/150.00/131.67	236.67/205.00/186.67	296.67/238.33/176.67
Piping Connections	Liquid Pipe	Φ, mm	mm	6.35	6.35	6.35	6.35	6.35
		Φ, inch	inch	1/4"	1/4"	1/4"	1/4"	1/4"
	Gas Pipe	Φ, mm	mm	9.52	9.52	9.52	12.70	15.88
		Φ, inch	inch	3/8"	3/8"	3/8"	1/2"	5/8"
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
			mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
	Transmission Cable		mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
			mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A
		Control Method	-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
	Sound Pressure	High / Mid / Low	dB(A)	36.0/29.0/21.0	36.0/-/25.0	38.0/-/25.0	39.0/-/26.0	44.0/-/28.0
			dB(A)	-	-	-	-	-
Dimensions	Net Weight		kg	9.00	9.00	9.00	13.00	13.00
			kg	11.00	11.00	11.00	16.00	16.00
	Net Dimensions (WDHDD)		mm	820 x 285 x 205	820 x 285 x 205	820 x 285 x 205	1065 x 298 x 230	1065 x 298 x 230
			mm	892 x 355 x 263	892 x 355 x 263	892 x 355 x 263	1137 x 377 x 299	1137 x 377 x 299
Panel Size	Panel Model		-	-	-	-	-	-
			kg	-	-	-	-	-
	Shipping Weight		kg	-	-	-	-	-
			kg	-	-	-	-	-
Additional Accessories	Drain Pump	Drain Pump	-	-	-	-	-	-
		Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-
	Air Filter		-	-	-	-	-	-
			-	-	-	-	-	-

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Optional Accessories

Individual Controllers

MWR-WE10

MWR-WH0*

MWR-SH00

MR-DH00

MIM-A00

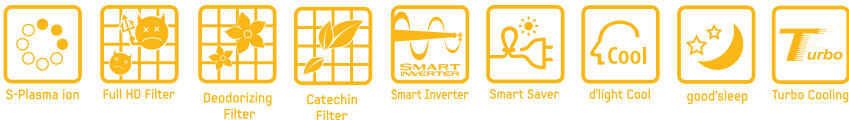
Standard Accessories

Wireless Remote Controller

Crystal



- S-Plasma ion
- Catechin Filter
- good'sleep
- Filter Cleaning Indicator
- Full HD Filter
- Smart Inverter
- Turbo Cooling
- Deodorizing Filter
- Smart Saver



Model				MH020FAEA	MH026FAEA	MH035FAEA	MH052FAEA
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode			-	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2.00	2.60	3.50	5.20
			Btu/h	6,800	8,900	11,900	17,700
		Heating	kW	2.20	2.90	3.80	5.60
			Btu/h	7,500	9,900	13,000	19,100
Power	Power Input (Nominal)	Cooling	W	30.00	30.00	35.00	50.00
		Heating	W	30.00	30.00	35.00	50.00
	Current Input (Nominal)	Cooling	A	0.18	0.18	0.19	0.30
		Heating	A	0.18	0.18	0.19	0.30
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan
		Output	W	23 x 1	23 x 1	23 x 1	40 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	7.90/6.90/5.90	9.10/8.10/7.10	9.80/8.80/7.80	14.20/12.50/10.70
			l/s	131.67/115.00/98.33	151.67/135.00/118.33	163.33/146.67/130.00	236.67/208.33/178.33
Piping Connections	Liquid Pipe	Φ, mm		6.35	6.35	6.35	6.35
		Φ, inch		1/4"	1/4"	1/4"	1/4"
	Gas Pipe	Φ, mm		9.52	9.52	9.52	12.70
		Φ, inch		3/8"	3/8"	3/8"	1/2"
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
			mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
			mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A	R410A
			-	R410A	R410A	R410A	R410A
	Control Method		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
			-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)	31.0/26.0/21.0	31.0/26.0/21.0	35.0/28.0/21.0	40.0/35.0/30.0
			dB(A)	31.0/26.0/21.0	31.0/26.0/21.0	35.0/28.0/21.0	40.0/35.0/30.0
	Sound Power	High / Mid / Low	dB(A)	-	-	-	-
			dB(A)	-	-	-	-
Dimensions	Net Weight		kg	9.00	9.00	9.00	13.00
			kg	9.00	9.00	9.00	13.00
	Shipping Weight		kg	11.00	11.00	11.00	16.00
			kg	11.00	11.00	11.00	16.00
Panel Size	Net Dimensions (WDHDD)		mm	820 x 286 x 190	820 x 286 x 190	820 x 286 x 190	1099 x 315 x 217
			mm	820 x 286 x 190	820 x 286 x 190	820 x 286 x 190	1099 x 315 x 217
	Shipping Dimensions (WDHDD)		mm	892 x 355 x 263	892 x 355 x 263	892 x 355 x 263	1137 x 377 x 399
			mm	892 x 355 x 263	892 x 355 x 263	892 x 355 x 263	1137 x 377 x 399
Additional Accessories	Drain Pump	Drain Pump	-	-	-	-	-
		Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-
	Air Filter		-	-	-	-	-
			-	-	-	-	-

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Optional Accessories


Individual Controllers



MWR-WE10MWR-WH07MWR-SH00MR-DH00

Standard Accessories

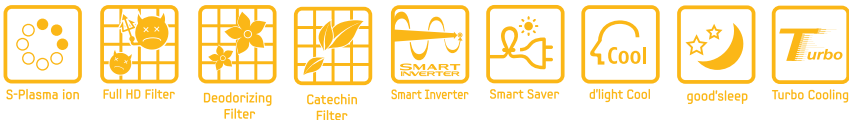
Wireless Remote Controller



New Crystal



- S-Plasma ion
- Catechin Filter
- good'sleep
- Filter Cleaning Indicator
- Full HD Filter
- Smart Inverter
- Turbo Cooling
- Deodorizing Filter
- Smart Saver



Model				AR09FSSSEDWUNEU		AR12FSSSEDWUNEU		AR18FSSSEDWUNEU		AR24FSSSEDWUNEU	
Power Supply		Φ, #, V, Hz		1,2,220-240,50		1,2,220-240,50		1,2,220-240,50		1,2,220-240,50	
Mode		-		HP/HR		HP/HR		HP/HR		HP/HR	
Performance	Capacity (Nominal)	Cooling	kW	2.50		3.50		5.00		6.80	
			Btu/h	8,500		11,900		17,100		23,200	
		Heating	kW	3.20		4.00		6.00		7.80	
			Btu/h	10,900		13,600		20,500		26,600	
Power	Power Input (Nominal)	Cooling	W	-		-		-		-	
		Heating	W	-		-		-		-	
	Current Input (Nominal)	Cooling	A	-		-		-		-	
		Heating	A	-		-		-		-	
Fan	Motor	Type	-	-		-		-		-	
		Output	W	-		-		-		-	
	Air Flow Rate	High / Mid / Low (UL)	CMM	-		-		-		-	
			l/s	-		-		-		-	
	External Static Pressure	Min. / Std. / Max.	mmAq	-		-		-		-	
			Pa	-		-		-		-	
Piping Connections	Liquid Pipe	Φ, mm	6.35		6.35		6.35		6.35		
		Φ, inch	1/4"		1/4"		1/4"		1/4"		
	Gas Pipe	Φ, mm	9.52		9.52		9.52		15.88		
		Φ, inch	3/8"		3/8"		3/8"		5/8"		
	Drain Pipe	Φ, mm	VP18 (OD 19,ID 16)		VP18 (OD 19,ID 16)		VP18 (OD 19,ID 16)		VP18 (OD 19,ID 16)		
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5		1.5 ~ 2.5		1.5 ~ 2.5		1.5 ~ 2.5	
	Transmission Cable		mm ²	0.75 ~ 1.50		0.75 ~ 1.50		0.75 ~ 1.50		0.75 ~ 1.50	
Refrigerant	Type		-	R410A		R410A		R410A		R410A	
	Control Method		-	EEV NOT INCLUDED		EEV NOT INCLUDED		EEV NOT INCLUDED		EEV NOT INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dB(A)	37.0/-/25.0		38.0/-/25.0		39.0/-/26.0		44.0/-/29.0	
	Sound Power	High / Mid / Low	dB(A)	-		-		-		-	
Dimensions	Net Weight		kg	-		-		-		-	
	Shipping Weight		kg	-		-		-		-	
	Net Dimensions (WDHDD)		mm	890 x 285 x 190		890 x 285 x 190		1065 x 298 x 230		1065 x 298 x 230	
	Shipping Dimensions (WDHDD)		mm	-		-		-		-	
Panel Size	Panel Model		-	-		-		-		-	
	Panel Net Weight		kg	-		-		-		-	
	Shipping Weight		kg	-		-		-		-	
	Net Dimensions (WDHDD)		mm	-		-		-		-	
	Shipping Dimensions (WDHDD)		mm	-		-		-		-	
Additional Accessories	Drain Pump	Drain Pump	-	-		-		-		-	
		Max. Lifting Height / Displacement	mm / liter/h	-		-		-		-	
	Air Filter		-	-		-		-		-	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Optional Accessories

Individual Controllers

MWR-WE10

MWR-WH0*

MWR-SH00

MR-DH00

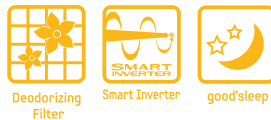
Standard Accessories

Wireless Remote Controller

Neo Forte



- Clean-cut Front Pane
- Silver Accent Line
- Bottom Opening Front Pane



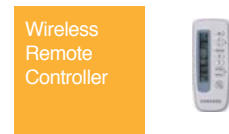
Model		MH020FNEA		MH026FNEA	MH035FNEA	MH052FNEA
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Mode		-		HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2.00	2.60	3.50
			Btu/h	6,800	8,900	11,900
		Heating	kW	2.20	2.90	3.80
			Btu/h	7,500	9,900	13,000
Power	Power Input (Nominal)	Cooling	W	30.00	30.00	35.00
		Heating	W	30.00	30.00	35.00
	Current Input (Nominal)	Cooling	A	0.18	0.18	0.19
		Heating	A	0.18	0.18	0.19
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan	Crossflow Fan
		Output	W	23 x 1	23 x 1	40 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	7.70/6.70/5.70	8.30/7.30/6.30	9.50/8.50/7.50
			l/s	128.33/111.67/95.00	138.33/121.67/105.00	158.33/141.67/125.00
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35
		Φ, inch	1/4"	1/4"	1/4"	1/4"
	Gas Pipe	Φ, mm	9.52	9.52	9.52	12.70
		Φ, inch	3/8"	3/8"	3/8"	1/2"
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5
			mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
			mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A	R410A
			-	R410A	R410A	R410A
	Control Method		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
			-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	32.0/28.0/23.0	32.0/28.0/23.0	36.0/30.0/23.0
			dBA	-	-	-
	Sound Power	High / Mid / Low	dBA	-	-	-
			dBA	-	-	-
Dimensions	Net Weight		kg	7.80	7.80	13.00
			kg	9.40	9.40	16.00
	Net Dimensions (WDHDD)		mm	825 x 285 x 189	825 x 285 x 189	1065 x 298 x 218
			mm	900 x 349 x 252	900 x 349 x 252	1137 x 377 x 299
Panel Size	Panel Model		-	-	-	-
			-	-	-	-
	Panel Net Weight		kg	-	-	-
			kg	-	-	-
Additional Accessories	Drain Pump		-	-	-	-
			-	-	-	-
	Max. Lifting Height / Displacement		mm / liter/h	-	-	-
			mm / liter/h	-	-	-

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Optional Accessories



Standard Accessories



Console



- Slim & Smart Design
- 2Way Outlets
- Silent Operation



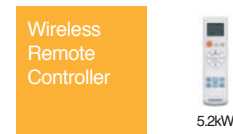
Model		MH026FJEA		MH035FJEA	MH052FJEA
Power Supply		Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50
Mode		-		HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	2.60	3.50
			Btu/h	8,900	11,900
		Heating	kW	2.90	3.80
			Btu/h	9,900	13,000
Power	Power Input (Nominal)	Cooling	W	30.00	35.00
		Heating	W	30.00	35.00
	Current Input (Nominal)	Cooling	A	0.25	0.29
		Heating	A	0.25	0.29
Fan	Motor	Type	-	Turbo Fan	Turbo Fan
		Output	W	37 x 1	37 x 1
	Air Flow Rate	High / Mid / Low (UL)	CMM	9.00/7.80/6.70	10.50/9.30/8.20
			l/s	150.00/130.00/111.67	175.00/155.00/136.67
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35
		Φ, inch	1/4"	1/4"	1/4"
	Gas Pipe	Φ, mm	9.52	9.52	12.70
		Φ, inch	3/8"	3/8"	1/2"
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 ~ 2.5	1.5 ~ 2.5
			mm ²	0.75 ~ 1.50	0.75 ~ 1.50
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50
			mm ²	0.75 ~ 1.50	0.75 ~ 1.50
Refrigerant	Type		-	R410A	R410A
			-	R410A	R410A
	Control Method		-	EEV NOT INCLUDED	EEV NOT INCLUDED
			-	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	High / Mid / Low	dBA	28.0/26.0/23.0	39.0/32.0/24.0
			dBA	-	-
	Sound Power	High / Mid / Low	dBA	-	-
			dBA	-	-
Dimensions	Net Weight		kg	15.00	15.00
			kg	19.00	19.00
	Net Dimensions (WDHDD)		mm	720 x 620 x 199	720 x 620 x 199
			mm	810 x 710 x 295	810 x 710 x 295
Panel Size	Panel Model		-	-	-
			-	-	-
	Panel Net Weight		kg	-	-
			kg	-	-
Additional Accessories	Drain Pump		-	-	-
			-	-	-
	Max. Lifting Height / Displacement		mm / liter/h	-	-
			mm / liter/h	-	-

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Optional Accessories



Standard Accessories



Product Fiche

Energy Labeling Information (AC product)

Model name (Indoor/Outdoor)	AR12FSSYAWTN x 1+AR18FSSYAWTNEU x 1 / AJ050FCJ2EH	AR09FSSYAWTN x 2+AR12FSSYAWTN x 2 / AJ080FCJ4EH	AR07FSFP*** x 2 / AJ040FCJ2EH	AR09FSFP*** x 1+AR12FSFP*** x 1 / AJ040FCJ2EH	AR12FSFP*** x 1+AR18FSFP*** x 1 / AJ050FCJ2EH	AR09FSFP*** x 3 / AJ052FCJ3EH
Sound Power Level (Inside/Outside)	dBA	59/61	58/63	53/61	55/61	54/61
Refrigerant name ¹⁾	-	R-410a	R-410a	R-410a	R-410a	R-410a
GWP	-	1975	1975	1975	1975	1975
SEER	-	5.8	5.3	5.7	6.1	5.7
Energy efficiency class (SEER)	-	A+	A	A+	A++	A+
QCE ²⁾ (cooling season)	kWh/a	300	524	243	229	317
Pdesignc	kW	5.0	8.0	4.0	4.0	5.2
SCOP	-	3.7	3.7	3.9	3.9	3.8
Energy efficiency class (SCOP)	-	A	A	A	A	A
Q _{hE} ³⁾ (heating season)	kWh/a	1395	2180	1076	1077	1571
Other heating seasons suitable for use	-	Warmer Season	Warmer Season	Warmer Season	Warmer Season	Warmer Season
Pdesignh (Average)	kW	3.7	5.8	3.0	3.0	4.3
e _{lbu} (T _i) (Average)	kW	0	0	0	0	0
Pdesignh (Warmer)	kW	4.0	6.4	3.5	3.6	4.8
e _{lbu} (T _i) (Warmer)	kW	0	0	0	0	0
Pdesignh (Colder)	kW	X	X	X	X	X
e _{lbu} (T _i) (Colder)	kW	X	X	X	X	X
Declared capacity at reference design conditions	kW	3.7	5.8	3.0	3.0	4.3
Assumed backup heating capacity	kW	0	0	0	0	0

Model name (Indoor/Outdoor)	AR12FSFP*** x 3 / AJ068FCJ3EH	AR09FSFP*** x 4 / AJ070FCJ4EH	AR09FSFP*** x 2+AR12FSFP*** x 2 / AJ080FCJ4EH	AR09FSFP*** x 5 / AJ100FCJ5EH	AR12FSFP*** x 1 + AR24FSFP*** x 1 / AJ100FCJ5EH	AR12FSSEDWUN x 1+AR18FSSEDWUN x 1 / AJ050FCJ2EH
Sound Power Level (Inside/Outside)	dBA	55/63	54/63	55/63	54/70	56/61
Refrigerant name ¹⁾	-	R-410a	R-410a	R-410a	R-410a	R-410a
GWP	-	1975	1975	1975	1975	1975
SEER	-	6.0	5.6	5.3	6.0	5.8
Energy efficiency class (SEER)	-	A+	A+	A	A+	A+
QCE ²⁾ (cooling season)	kWh/a	395	437	524	578	300
Pdesignc	kW	6.8	7.0	8.0	10.0	5.0
SCOP	-	3.9	3.7	3.7	3.8	3.7
Energy efficiency class (SCOP)	-	A	A	A	A	A
Q _{hE} ³⁾ (heating season)	kWh/a	1981	2169	2180	2806	1395
Other heating seasons suitable for use	-	Warmer Season	Warmer Season	Warmer Season	Warmer Season	Warmer Season
Pdesignh (Average)	kW	5.5	5.8	5.8	7.7	3.7
e _{lbu} (T _i) (Average)	kW	0	0	0	0	0
Pdesignh (Warmer)	kW	6.3	6.4	6.4	8.7	4.0
e _{lbu} (T _i) (Warmer)	kW	0	0	0	0	0
Pdesignh (Colder)	kW	X	X	X	X	X
e _{lbu} (T _i) (Colder)	kW	X	X	X	X	X
Declared capacity at reference design conditions	kW	5.5	5.8	5.8	7.7	3.7
Assumed backup heating capacity	kW	0	0	0	0	0

"1) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to [1975]. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be [1975] times higher than 1 kg of CO 2 , over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional."

"2) Energy consumption "XYZ" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located."

"3) Energy consumption "XYZ" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located."

Product Fiche

Energy Labeling Information (AC product)

Model name (Indoor/Outdoor)		AR09FSSEDWUN x 2+AR12FSSEDWUN x 2 / AJ080FCJ4EH	AR12FSSEDWUN x 1 + AR24FSSEDWUN x 1 / AJ100FCJ5EH	MH020FNEA x 1 + MH020FAEA x 1 / AJ040FCJ2EH	MH035FNEA x 1+MH052FNEA x 1 / AJ050FCJ2EH	MH026FAEA x 1 +MH035FAEA x 1 + MH026FAEA x 1 +MH035FAEA x 1 / AJ080FCJ4EH	MH035FAEA x 1+MH052FAEA x 1 / AJ050FCJ2EH	AJN016NDEHA x 1 + AJN020NDEHA x 2 / AJ052FCJ3EH
Sound Power Level (Inside/Outside)	dBA	55/63	60/70	53/61	55/61	55/63	59/61	47/61
Refrigerant name ¹⁾	-	R-410a	R-410a	R-410a	R-410a	R-410a	R-410a	R-410a
GWP	-	1975	1975	1975	1975	1975	1975	1975
SEER		5.3	5.5	5.7	5.8	5.3	5.8	5.7
Energy efficiency class (SEER)	-	A	A	A+	A+	A	A+	A+
QCE ²⁾ (cooling season)	kWh/a	524	538	243	300	524	300	320
Pdesignc	kW	8.0	8.6	4.0	5.0	8.0	5.0	5.2
SCOP	-	3.7	3.9	3.9	3.7	3.7	3.7	3.8
Energy efficiency class (SCOP)	-	A	A	A	A	A	A	A
Q _h ³⁾ (heating season)	kWh/a	2180	2761	1076	1395	2180	1395	1571
Other heating seasons suitable for use	-	Warmer Season	Warmer Season	Warmer Season	Warmer Season	Warmer Season	Warmer Season	Warmer Season
Pdesignh (Average)	kW	5.8	7.7	3.0	3.7	5.8	3.7	4.3
e _{lbu} (T _i) (Average)	kW	0	0	0	0	0	0	0
Pdesignh (Warmer)	kW	6.4	8.5	3.5	4.0	6.4	4.0	4.8
e _{lbu} (T _i) (Warmer)	kW	0	0	0	0	0	0	0
Pdesignh (Colder)	kW	X	X	X	X	X	X	X
e _{lbu} (T _i) (Colder)	kW	X	X	X	X	X	X	X
Declared capacity at reference design conditions	kW	5.8	7.7	3.0	3.7	5.8	3.7	4.3
Assumed backup heating capacity	kW	0	0	0	0	0	0	0

Model name (Indoor/Outdoor)		AJN026NDEHA x 2+AJN035NDEHA x 2 / AJ080FCJ4EH	AJN052NDEHA x 2 / AJ100FCJ5EH/EU	NJ026LHXEA x 2+NJ035LHXEA x 2 / AJ080FCJ4EH	MH026FSEA x 2+MH035FSEA x 2 / AJ080FCJ4EH	MH052FUEA x 2 / AJ100FCJ5EH/EU	MH035FJEA x 1+MH052FJEA x 1 / AJ050FCJ2EH	MH026FJEA x 2+MH035FJEA x 2 / AJ080FCJ4EH
Sound Power Level (Inside/Outside)	dBA	49/63	55/70	53/63	53/63	58/70	59/61	59/63
Refrigerant name ¹⁾	-	R-410a	R-410a	R-410a	R-410a	R-410a	R-410a	R-410a
GWP	-	1975	1975	1975	1975	1975	1975	1975
SEER		5.3	5.6	5.3	5.3	5.6	5.8	5.3
Energy efficiency class (SEER)	-	A	A	A	A	A	A+	A
QCE ²⁾ (cooling season)	kWh/a	524	535	524	524	535	300	524
Pdesignc	kW	8.0	8.5	8.0	8.0	8.5	5.0	8.0
SCOP	-	3.7	3.8	3.7	3.7	3.8	3.7	3.7
Energy efficiency class (SCOP)	-	A	A	A	A	A	A	A
Q _h ³⁾ (heating season)	kWh/a	2180	2806	2180	2180	2806	1395	2180
Other heating seasons suitable for use	-	Warmer Season	Warmer Season	Warmer Season	Warmer Season	Warmer Season	Warmer Season	Warmer Season
Pdesignh (Average)	kW	5.8	7.7	5.8	5.8	7.7	3.7	5.8
e _{lbu} (T _i) (Average)	kW	0	0	0	0	0	0	0
Pdesignh (Warmer)	kW	6.4	8.7	6.4	6.4	8.7	4.0	6.4
e _{lbu} (T _i) (Warmer)	kW	0	0	0	0	0	0	0
Pdesignh (Colder)	kW	X	X	X	X	X	X	X
e _{lbu} (T _i) (Colder)	kW	X	X	X	X	X	X	X
Declared capacity at reference design conditions	kW	5.8	7.7	5.8	5.8	7.7	3.7	5.8
Assumed backup heating capacity	kW	0	0	0	0	0	0	0

"1) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to [1975]. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be [1975] times higher than 1 kg of CO 2 , over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional."

"2) Energy consumption "XYZ" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located."

"3) Energy consumption "XYZ" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located."

Product Fiche

Energy Labeling Information (AC product)

Model name (Indoor/Outdoor)		AR09FSFP*** x 1 +AR12FSFP*** x 1 / AJ040FCJ2EH	AR12FSFP*** x 1+AR18FSFP*** x 1 / AJ050FCJ2EH	AR09FSFP*** x 3 / AJ062FCJ3EH	AR12FSFP*** x 3 / AJ068FCJ3EH	AR09FSFP*** x 4 / AJ070FCJ4EH	AR09FSFP*** x 2+AR12FSFP*** x 2 / AJ080FCJ4EH	AR09FSFP*** x 5 / AJ100FCJ5EH
Sound Power Level (Inside/Outside)	dB(A)	55/61	55/61	54/61	55/63	54/63	55/63	54/70
Refrigerant name ¹⁾	-	R-410a	R-410a	R-410a	R-410a	R-410a	R-410a	R-410a
GWP	-	1975	1975	1975	1975	1975	1975	1975
SEER	-	6.1	5.8	5.7	6.0	5.6	5.3	6.0
Energy efficiency class (SEER)	-	A++	A+	A+	A+	A+	A	A+
QCE ²⁾ (cooling season)	kWh/a	229	300	317	395	437	524	578
Pdesignc	kW	4.0	5.0	5.2	6.8	7.0	8.0	10.0
SCOP	-	3.9	3.7	3.8	3.9	3.7	3.7	3.8
Energy efficiency class (SCOP)	-	A	A	A	A	A	A	A
QHE ³⁾ (heating season)	kWh/a	1077	1395	1571	1981	2169	2180	2806
Other heating seasons suitable for use	-	Warmer Season	Warmer Season	Warmer Season	Warmer Season	Warmer Season	Warmer Season	Warmer Season
Pdesignh (Average)	kW	3.0	3.7	4.3	5.5	5.8	5.8	7.7
Pdesignh (Warmer))	kW	3.6	4.0	4.8	6.3	6.4	6.4	8.7
Pdesignh (Colder))	kW	-	-	-	-	-	-	-
Declared capacity at reference design conditions	kW	3.0	3.7	4.3	5.5	5.8	5.8	7.7
Assumed backup heating capacity	kW	0	0	0	0	0	0	0

"1) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to [1975]. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be [1975] times higher than 1 kg of CO 2 , over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional."

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"3) Energy consumption "XYZ" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located."

FJM Capacity Combination



COOLING																					
Outdoor Unit		Indoor Unit Combination				Cooling Capacity (W)					Capacity			Power Consumption			Current			EER	
		A	B	C	D	Total	A	B	C	D	Total	W			W			A			
												MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM		MAX
AU040FX2EH/EU	1 Unit	2000				2000	2100				2100	1250	2100	2520	300	540	630	1.7	2.5	2.9	3.89
		2500				2500	2500				2500	1250	2500	3120	300	750	880	1.7	3.4	4.0	3.33
		3500				3500	3500				3500	1250	3500	4200	300	1060	1240	1.7	4.9	5.7	3.30
	2 Unit	2000	2000			4000	2000	2000			4000	1250	4000	4500	300	1180	1330	1.7	5.4	6.1	3.39
		2000	2500			4500	1780	2220			4000	1300	4000	4500	350	1180	1330	1.9	5.4	6.1	3.39
		2000	3500			5500	1450	2550			4000	1300	4000	4500	350	1180	1330	1.9	5.4	6.1	3.39
		2500	2500			5000	2000	2000			4000	1300	4000	4500	350	1180	1330	1.9	5.4	6.1	3.39
		2500	3500			6000	1670	2330			4000	1300	4000	4500	350	1020	1330	1.9	4.7	6.1	3.92

- Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
- The above is the value for connecting with the following indoor units.
 - 2000, 2500, 3500W class: Wall Mounted [only for AR**FSSEDWUN, AR**FSFPESNN, AR**FSFPDGMN]
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 5m / - Level difference : 0m
- The total ability of connected a indoor unit is up to 6.0 kW (@ Cooling)
- It is impossible to connect the indoor unit for one room only.
- Power consumption include indoor unit power.

COOLING																					
Outdoor Unit		Indoor Unit Combination					Cooling Capacity (W)					Capacity			Power Consumption			Current			EER
		A	B	C	D	Total	A	B	C	D	Total	W			W			A			
												MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
AJ050FC2EH/EU	1 Unit	2000				2000	2400				2400	1250	2400	2880	300	730	880	1.7	3.3	4.0	3.29
		2500				2500	2500				2500	1250	2500	3120	300	800	960	1.7	3.7	4.4	3.13
		3500				3500	3500				3500	1250	3500	4200	300	1090	1310	1.7	5.0	6.0	3.21
		5000				5000	5000				5000	1250	5000	5200	300	1600	1740	1.7	7.3	8.0	3.13
	2 Unit	2000	2000			4000	2000	2000			4000	1300	4000	4800	350	1245	1490	1.9	5.7	6.8	3.21
		2000	2500			4500	2040	2560			4600	1300	4600	5200	350	1430	1720	1.9	6.5	7.9	3.22
		2000	3500			5500	1820	3180			5000	1400	5000	5400	350	1490	1780	1.9	6.8	8.1	3.36
		2000	5000			7000	1430	3570			5000	1400	5000	5400	350	1450	1800	1.9	6.6	8.2	3.45
		2500	2500			5000	2500	2500			5000	1400	5000	5400	350	1500	1780	1.9	6.9	8.1	3.33
		2500	3500			6000	2080	2920			5000	1400	5000	5400	350	1500	1780	1.9	6.9	8.1	3.33
		2500	5000			7500	1670	3330			5000	1400	5000	5400	350	1450	1700	1.9	6.6	7.8	3.45
		3500	3500			7000	2500	2500			5000	1400	5000	5400	350	1500	1780	1.9	6.9	8.1	3.33
		3500	5000			8500	2060	2940			5000	1400	5000	5400	350	1320	1700	1.9	6.0	7.8	3.79

- Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
- The above is the value for connecting with the following indoor units.
 - 2000, 2500, 3500W class: Wall Mounted [only for AR**FSSEDWUN, AR**FSFPESNN, AR**FSFPDGMN]
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 5m / - Level difference : 0m
- The total ability of connected a indoor unit is up to 6.0 kW (@ Cooling)
- It is impossible to connect the indoor unit for one room only.
- Power consumption include indoor unit power.

HEATING																					
Outdoor unit		Indoor unit combination					Heating Capacity (W)					Capacity			Power Consumption			Current			COP
		A	B	C	D	Total	A	B	C	D	Total	W			W			A			
												MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
AJ040FX2EH/EU	1 Unit	2200				2200	2400				2400	1000	2400	2990	260	780	910	1.3	3.6	4.2	3.08
		3300				3300	3100				3100	1000	3100	3450	260	850	1080	1.3	3.9	4.9	3.65
		4000				4000	3800				3800	1000	3800	4370	260	1100	1380	1.3	5.0	6.3	3.45
	2 Unit	2200	2200			4400	2200	2200			4400	1000	4400	4700	280	1160	1390	1.4	5.3	6.4	3.79
		2200	3300			5500	1760	2640			4400	1000	4400	4700	280	1160	1400	1.4	5.3	6.4	3.79
		2200	4000			6200	1560	2840			4400	1000	4400	4700	280	1160	1400	1.4	5.3	6.4	3.79
		3300	3300			6600	2200	2200			4400	1000	4400	4700	280	1160	1400	1.4	5.3	6.4	3.79
		3300	4000			7300	1990	2410			4400	1000	4400	4700	280	990	1400	1.4	4.5	6.4	4.44

- Heating capacity is based on 20°CDB (indoor temperature), 7°CDB / 6°CWB (outdoor temperature).
- The above is the value for connecting with the following indoor units.
 - 2200, 3300, 4000W class: Wall Mounted [only for AR**FSSEDWUN, AR**FSFPESNN, AR**FSFPDGMN]
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 5m / - Level difference : 0m
- The total ability of connected a indoor unit is up to 7.3 kW (@ Heating)
- It is impossible to connect the indoor unit for one room only.
- Power consumption include indoor unit power.

HEATING																					
Outdoor unit		Indoor unit combination				Heating Capacity (W)					Capacity			Power Consumption			Current			COP	
		A	B	C	D	Total	A	B	C	D	Total	W			W			A			
												MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM		MAX
AJ050FC2EH/EU	1 Unit	2200				2200	2500				2500	1050	2500	2990	260	880	1010	1.3	4.0	4.6	2.84
		3300				3300	3300				3300	1050	3300	3340	260	1050	1290	1.3	4.8	5.9	3.14
		4000				4000	4000				4000	1050	4000	4370	260	1300	1620	1.3	5.9	7.4	3.08
		6000				6000	5400				5400	1050	5400	5600	260	1650	2060	1.3	7.6	9.4	3.27
	2 Unit	2200	2200			4400	2200	2200			4400	1100	4400	4750	280	1220	1390	1.4	5.6	6.4	3.61
		2200	3300			5500	2040	3060			5100	1100	5100	5460	280	1410	1610	1.4	6.5	7.4	3.62
		2200	4000			6200	2020	3680			5700	1100	5700	6300	280	1520	1900	1.4	7.0	8.7	3.75
		2200	6000			8200	1530	4170			5700	1100	5700	6400	280	1440	1800	1.4	6.6	8.2	3.96
		3300	3300			6600	2850	2850			5700	1100	5700	6300	208	1550	1940	1.4	7.1	8.9	3.68
		3300	4000			7300	2580	3120			5700	1100	5700	6300	280	1550	1850	1.4	7.1	8.5	3.68
		3300	6000			9300	2020	3680			5700	1100	5700	6400	280	1440	1750	1.4	6.6	8.0	3.96
		4000	4000			8000	2850	2850			5700	1100	5700	6300	280	1470	1840	1.4	6.7	8.4	3.88
4000	6000			10000	2280	3420			5700	1100	5700	6400	280	1350	1750	1.4	6.2	8.0	4.22		



Capacity Combination

COOLING

COOLING																						
Outdoor unit		Indoor unit combination					Cooling Capacity (W)					Capacity			Power Consumption			Current			EER	
		A	B	C	D	Total	A	B	C	D	Total	W			W			A				
												MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX		
AU052FCJ3EH/EU	1 Unit	2000				2000	2000				2000	1280	2000	2880	420	630	1020	2.2	2.9	4.7	3.17	
		2500				2500	2500				2500	1280	2500	3120	420	790	1110	2.2	3.6	5.1	3.16	
		3500				3500	3500				3500	1280	3500	4200	420	1150	1510	2.2	5.3	6.9	3.04	
		5000				5000	5000				5000	1300	5000	5800	420	1620	2090	2.2	7.4	9.6	3.09	
	2 Unit	2000	2000			4000	2000	2000				4000	1300	4000	4800	440	1240	1630	2.3	5.7	7.5	3.23
		2000	2500			4500	2040	2560				4600	1300	4600	5520	440	1410	1850	2.3	6.5	8.5	3.26
		2000	3500			5500	1820	3180				5000	1300	5000	6290	450	1520	2000	2.3	7.0	9.2	3.29
		2000	5000			7000	1490	3710				5200	1380	5200	6600	450	1540	2040	2.3	7.0	9.3	3.38
		2500	2500			5000	2500	2500				5000	1300	5000	5800	440	1550	1980	2.3	7.1	9.1	3.23
		2500	3500			6000	2080	2920				5000	1300	5000	6400	450	1510	2020	2.3	6.9	9.2	3.31
		2500	5000			7500	1730	3470				5200	1380	5200	6800	450	1540	2070	2.3	7.0	9.5	3.38
		3500	3500			7000	2600	2600				5200	1300	5200	6560	450	1540	2040	2.3	7.0	9.3	3.38
	3 Unit	2000	2000	2000		6000	1730	1730	1740			5200	1700	5200	6380	450	1500	2020	2.3	6.9	9.2	3.47
		2000	2000	2500		6500	1600	1600	2000			5200	1700	5200	6490	450	1530	2040	2.3	7.0	9.3	3.40
		2000	2000	3500		7500	1390	1390	2420			5200	1700	5200	6800	460	1420	2070	2.4	6.5	9.5	3.66
		2000	2500	2500		7000	1480	1860	1860			5200	1700	5200	6600	450	1390	2040	2.3	6.4	9.3	3.74
		2000	2500	3500		8000	1300	1630	2270			5200	1700	5200	6800	460	1420	2070	2.4	6.5	9.5	3.66
		2500	2500	2500		7500	1730	1730	1740			5200	1700	5200	6800	460	1350	2070	2.4	6.2	9.5	3.85

1. Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
2. The above is the value for connecting with the following indoor units.

- 2000, 2500, 3500, 5000W class: Wall Mounted [only for AR**FSSEDWUN, AR**FSFPESNN, AR**FSFPDGMN]
3. Capacities are based on the following conditions:

- Corresponding refrigerant piping length : 5m / - Level difference : 0m
4. The total ability of connected a indoor unit is up to 8.0 kW (@ Cooling)
5. It is impossible to connect the indoor unit for one room only.
6. Power consumption include indoor unit power.

HEATING

HEATING																						
Outdoor unit		Indoor unit combination					Heating Capacity (W)					Capacity			Power Consumption			Current			COP	
		A	B	C	D	Total	A	B	C	D	Total	W			W			A				
												MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX		
AU052FCJ3EH/EU	1 Unit	2200				2200	2200				2200	1300	2200	2990	350	910	1110	1.9	4.2	5.1	2.42	
		3300				3300	3300				3300	1300	3300	3340	350	1150	1270	1.9	5.3	5.8	2.87	
		4000				4000	4000				4000	1300	4000	4370	350	1350	1660	1.9	6.2	7.6	2.96	
		6000				6000	5600				5600	1350	5600	6300	350	1820	1920	1.9	8.3	8.8	3.08	
	2 Unit	2200	2200			4400	2200	2200				4400	1400	4400	5060	350	1220	1510	1.9	5.6	6.9	3.61
		2200	3300			5500	2040	3060				5100	1400	5100	5870	350	1410	1830	1.9	6.5	8.4	3.62
		2200	4000			6200	1990	3610				5600	1400	5600	6440	350	1540	1860	1.9	7.0	8.5	3.64
		2200	6000			8200	1610	4390				6000	1400	6000	6900	350	1660	1860	1.9	7.6	8.5	3.61
		3300	3300			6600	2900	2900				5800	1400	5800	6300	350	1600	1910	1.9	7.3	8.7	3.63
		3300	4000			7300	2620	3180				5800	1400	5800	6300	350	1600	1910	1.9	7.3	8.7	3.63
		3300	6000			9300	2240	4060				6300	1400	6300	7300	350	1740	1830	1.9	8.0	8.4	3.62
		4000	4000			8000	2950	2950				5900	1400	5900	6880	350	1630	1860	1.9	7.5	8.5	3.62
	3 Unit	2200	2200	2200		6600	1930	1930	1940			5800	1400	5800	6760	350	1590	1840	1.9	7.3	8.4	3.65
		2200	2200	3300		7700	1690	1690	2520			5900	1400	5900	6840	350	1650	1840	1.9	7.6	8.4	3.58
		2200	2200	4000		8400	1650	1650	3000			6300	1400	6300	7300	350	1660	1830	1.9	7.6	8.4	3.80
		2200	3300	3300		8800	1500	2250	2250			6000	1400	6000	6920	350	1590	1840	1.9	7.3	8.4	3.77
		2200	3300	4000		9500	1460	2190	2650			6300	1400	6300	7300	350	1630	1830	1.9	7.5	8.4	3.87
		3300	3300	3300		9900	2100	2100	2100			6300	1400	6300	7300	350	1400	1830	1.9	6.4	8.4	4.50

1. Heating capacity is based on 20°CDB (indoor temperature), 7°CDB / 6°CWB (outdoor temperature).
2. The above is the value for connecting with the following indoor units.

- 2200, 3300, 4000, 6000W class: Wall Mounted [only for AR**FSSEDWUN, AR**FSFPESNN, AR**FSFPDGMN]
3. Capacities are based on the following conditions:

- Corresponding refrigerant piping length : 5m / - Level difference : 0m
4. The total ability of connected a indoor unit is up to 9.9 kW (@ Heating)
5. It is impossible to connect the indoor unit for one room only.
6. Power consumption include indoor unit power.



Capacity Combination

COOLING

COOLING																					
Outdoor unit		Indoor unit combination					Cooling Capacity (W)					Capacity			Power Consumption			Current			EER
		A	B	C	D	Total	A	B	C	D	Total	W			W			A			
												MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
AU088FCJ3EHEU	1 Unit	2000				2000	2000				2000	1280	2000	2880	400	630	930	2.2	2.9	4.3	3.17
		2500				2500	2500				2500	1280	2500	3120	400	790	1010	2.2	3.6	4.6	3.16
		3500				3500	3500				3500	1280	3500	4200	400	1070	1370	2.2	4.9	6.3	3.27
		5000				5000	5000				5000	1300	5000	5800	400	1620	1900	2.2	7.4	8.7	3.09
	2 Unit	2000	2000			4000	2000	2000			4000	1300	4000	4800	420	1240	1480	2.3	5.7	6.8	3.23
		2000	2500			4500	2000	2500			4500	1300	4500	5520	420	1410	1680	2.3	6.5	7.7	3.19
		2000	3500			5500	2000	3500			5500	1300	5500	6550	420	1830	2470	2.3	8.4	11.3	3.01
		2000	5000			7000	1860	4640			6500	1300	6500	7740	420	2000	2690	2.3	9.2	12.3	3.25
		2500	2500			5000	2500	2500			5000	1300	5000	5950	420	1660	2260	2.3	7.6	10.3	3.01
		2500	3500			6000	2500	3500			6000	1300	6000	7140	420	1980	2670	2.3	9.1	12.2	3.03
		2500	5000			7500	2270	4530			6800	1380	6800	8090	430	2090	2660	2.3	9.6	12.2	3.25
		3500	3500			7000	3250	3250			6500	1300	6500	7740	420	2010	2700	2.3	9.2	12.4	3.23
		3500	5000			8500	2800	4000			6800	1380	6800	8090	430	2100	2670	2.3	9.6	12.2	3.24
		5000	5000			10000	3400	3400			6800	1380	6800	8090	430	2060	2660	2.3	9.4	12.2	3.30
	3 Unit	2000	2000	2000		6000	2000	2000	2000		6000	1800	6000	7400	440	1970	2650	2.3	9.0	12.1	3.05
		2000	2000	2500		6500	2000	2000	2500		6500	1800	6500	8000	440	2000	2690	2.3	9.2	12.3	3.25
		2000	2000	3500		7500	1810	1810	3180		6800	1800	6800	8400	440	2070	2700	2.3	9.5	12.4	3.29
		2000	2000	5000		9000	1510	1510	3780		6800	1800	6800	8400	440	2000	2690	2.3	9.2	12.3	3.40
		2000	2500	2500		7000	1860	2320	2320		6500	1800	6500	8000	440	2030	2690	2.3	9.3	12.3	3.20
		2000	2500	3500		8000	1700	2130	2970		6800	1800	6800	8400	440	2090	2690	2.3	9.6	12.3	3.25
		2000	2500	5000		9500	1430	1790	3580		6800	1800	6800	8400	440	2010	2690	2.3	9.2	12.3	3.38
		2000	3500	3500		9000	1520	2640	2640		6800	1800	6800	8400	440	2010	2700	2.3	9.2	12.4	3.38
		2000	3500	5000		10500	1300	2270	3230		6800	1800	6800	8400	440	2050	2700	2.3	9.4	12.4	3.32
		2500	2500	2500		7500	2260	2270	2270		6800	1800	6800	8400	440	2060	2690	2.3	9.4	12.3	3.30
		2500	2500	3500		8500	2000	2000	2800		6800	1800	6800	8400	440	2130	2700	2.3	9.7	12.4	3.19
		2500	2500	5000		10000	1700	1700	3400		6800	1800	6800	8400	440	2030	2690	2.3	9.3	12.3	3.35
		2500	3500	3500		9500	1780	2510	2510		6800	1800	6800	8400	440	2020	2700	2.3	9.2	12.4	3.37
		2500	3500	5000		11000	1550	2160	3090		6800	1800	6800	8400	440	2070	2700	2.3	9.5	12.4	3.29
		3500	3500	3500		10500	2260	2270	2270		6800	1800	6800	8400	440	2000	2710	2.3	9.2	12.4	3.40

1. Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
2. The above is the value for connecting with the following indoor units.

- 2000, 2500, 3500, 5000W class: Wall Mounted [only for AR**FSSEDWUN, AR**FSFPESNN, AR**FSFPDGMN]
3. Capacities are based on the following conditions:

- Corresponding refrigerant piping length : 5m / - Level difference : 0m
4. The total ability of connected a indoor unit is up to 11 kW (@ Cooling)
5. It is impossible to connect the indoor unit for one room only.
6. Power consumption include indoor unit power.

HEATING

HEATING																					
Outdoor unit		Indoor unit combination					Heating Capacity (W)					Capacity			Power Consumption			Current			COP
		A	B	C	D	Total	A	B	C	D	Total	W			W			A			
												MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
AU088FCJ3EHEU	1 Unit	2200				2200	2200				2200	1300	2200	2990	380	950	1190	1.9	4.3	5.4	2.32
		3300				3300	3300				3300	1300	3300	3340	380	1150	1360	1.9	5.3	6.2	2.87
		4000				4000	4000				4000	1300	4000	4370	380	1350	1780	1.9	6.2	8.1	2.96
		6000				6000	5600				5600	1350	5600	6300	380	1820	2050	1.9	8.3	9.4	3.08
	2 Unit	2200	2200			4400	2200	2200			4400	1400	4400	5060	380	1220	1600	1.9	5.6	7.3	3.61
		2200	3300			5500	2200	3300			5500	1400	5500	6330	380	1490	2000	1.9	6.8	9.2	3.69
		2200	4000			6200	2200	4000			6200	1400	6200	7130	380	1670	2300	1.9	7.6	10.5	3.71
		2200	6000			8200	2090	5710			7800	1400	7800	8970	380	1990	2700	1.9	9.1	12.4	3.92
		3300	3300			6600	3300	3300			6600	1400	6600	7590	380	1890	2600	1.9	8.6	11.9	3.49
		3300	4000			7300	3300	4000			7300	1400	7300	8400	380	1950	2600	1.9	8.9	11.9	3.74
		3300	6000			9300	2770	5030			7800	1400	7800	8970	380	2040	2800	1.9	9.3	12.8	3.82
		4000	4000			8000	3900	3900			7800	1400	7800	8970	380	1990	2700	1.9	9.1	12.4	3.92
		4000	6000			10000	3200	4800			8000	1400	8000	9200	380	2090	2800	1.9	9.6	12.8	3.83
		6000	6000			12000	4000	4000			8000	1400	8000	9200	380	2080	2800	1.9	9.5	12.8	3.85
	3 Unit	2200	2200	2200		6600	2200	2200	2200		6600	1400	6600	8100	380	1760	2400	1.9	8.1	11.0	3.75
		2200	2200	3300		7700	2200	2200	3300		7700	1400	7700	9500	380	1830	2500	1.9	8.4	11.4	4.21
		2200	2200	4000		8400	2100	2100	3800		8000	1400	8000	9800	380	1920	2600	1.9	8.8	11.9	4.17
		2200	2200	6000		10400	1690	1690	4620		8000	1400	8000	9800	380	1960	2600	1.9	9.0	11.9	4.08
		2200	3300	3300		8800	2000	3000	3000		8000	1400	8000	9800	380	1880	2500	1.9	8.6	11.4	4.26
		2200	3300	4000		9500	1850	2780	3370		8000	1400	8000	9800	380	1910	2600	1.9	8.7	11.9	4.19
		2200	3300	6000		11500	1530	2300	4170		8000	1400	8000	9800	380	1920	2600	1.9	8.8	11.9	4.17
		2200	4000	4000		10200	1720	3140	3140		8000	1400	8000	9800	380	1960	2600	1.9	9.0	11.9	4.08
		2200	4000	6000		12200	1450	2620	3930		8000	1400	8000	9800	380	1950	2600	1.9	8.9	11.9	4.10
		3300	3300	3300		9900	2660	2670	2670		8000	1400	8000	9800	380	1930	2600	1.9	8.8	11.9	4.15
		3300	3300	4000		10600	2490	2490	3020		8000	1400	8000	9800	380	1910	2600	1.9	8.7	11.9	4.19
		3300	3300	6000		12600	2100	2100	3800		8000	1400	8000	9800	380	1950	2600	1.9	8.9	11.9	4.10
		3300	4000	4000		11300	2340	2830	2830		8000	1400	8000	9800	380	1930	2600	1.9	8.8	11.9	4.15
		3300	4000	6000		13300	1980	2410	3610		8000	1400	8000	9800	380	1980	2700	1.9	9.1	12.4	4.04
		4000	4000	4000		12000	2660	2670	2670		8000	1400	8000	9800	380	1910	2600	1.9	8.7	11.9	4.19

1. Heating capacity is based on 20°CDB (indoor temperature), 7°CDB / 6



Capacity Combination

COOLING

COOLING																					
Outdoor unit		Indoor unit combination					Cooling Capacity (W)					Capacity			Power Consumption			Current			EER
												W			W			A			
		A	B	C	D	Total	A	B	C	D	Total	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
AJ070FCJAEHEU	1 Unit	2000				2000	2200				2200	1350	2200	3000	380	780	950	1.7	3.6	4.3	2.82
		2500				2500	2500				2500	1350	2500	3480	390	840	1100	1.8	3.8	5.0	2.98
		3500				3500	3500				3500	1350	3500	4200	400	1130	1580	1.8	5.2	7.2	3.10
		5000				5000	4900				4900	1400	4900	6240	420	1520	2160	1.9	7.0	9.9	3.22
	2 Unit	2000	2000			4000	2000	2000			4000	1500	4000	4800	410	1240	1490	1.9	5.7	6.8	3.23
		2000	2500			4500	2040	2560			4600	1690	4600	5520	420	1430	1720	1.9	6.5	7.9	3.22
		2000	3500			5500	2000	3500			5500	1770	5500	6600	430	1710	2050	2	7.8	9.4	3.22
		2000	5000			7000	2000	5000			7000	1900	7000	8400	580	2180	2520	2.7	10.0	11.5	3.21
		2500	2500			5000	2600	2600			5200	1750	5200	6240	420	1660	2000	1.9	7.6	9.2	3.13
		2500	3500			6000	2540	3560			6100	1820	6100	7320	440	1880	2260	2	8.6	10.3	3.24
		2500	5000			7500	2330	4670			7000	1900	7000	8400	580	2180	2540	2.7	10.0	11.6	3.21
		3500	3500			7000	3500	3500			7000	1900	7000	8000	580	2490	2620	2.7	11.4	12.0	2.81
		3500	5000			8500	2880	4120			7000	1900	7000	8900	580	2110	2540	2.7	9.7	11.6	3.32
		5000	5000			10000	3500	3500			7000	1900	7000	8900	580	2000	2540	2.7	9.2	11.6	3.50
		2000	2000	2000		6000	2000	2000	2000		6000	1810	6000	7200	440	1800	2280	2	8.2	10.4	3.33
		2000	2000	2500		6500	2030	2030	2540		6600	1870	6600	7920	440	1830	2460	2	8.4	11.3	3.61
	2000	2000	3500		7500	1780	1780	3120		6680	1900	6680	8020	580	1835	2410	2.7	8.4	11.0	3.64	
	2000	2000	5000		9000	1560	1560	3880		7000	1900	7000	8900	580	1850	2460	2.7	8.5	11.3	3.78	
	2000	2500	2500		7000	1910	2370	2370		6650	1900	6650	7980	580	1830	2410	2.7	8.4	11.0	3.63	
	2000	2500	3500		8000	1690	2110	2940		6740	1900	6740	8080	580	1840	2460	2.7	8.4	11.3	3.66	
	3 Unit	2000	2500	5000		9500	1480	1840	3680		7000	1900	7000	8900	580	1880	2460	2.7	8.6	11.3	3.72
		2000	3500	3500		9000	1520	2650	2650		6820	1900	6820	8180	580	1850	2510	2.7	8.5	11.5	3.69
		2000	3500	5000		10500	1340	2330	3330		7000	1900	7000	8900	580	1930	2510	2.7	8.8	11.5	3.63
		2500	2500	2500		7500	2240	2240	2240		6720	1900	6720	8050	580	1840	2420	2.7	8.4	11.1	3.65
		2500	2500	3500		8500	2000	2000	2790		6790	1900	6790	8150	580	1850	2460	2.7	8.5	11.3	3.67
		2500	2500	5000		10000	1750	1750	3500		7000	1900	7000	8900	580	1880	2510	2.7	8.6	11.5	3.72
		2500	3500	3500		9500	1840	2580	2580		7000	1900	7000	8900	580	1880	2460	2.7	8.6	11.3	3.72
		3500	3500	3500		10500	2330	2330	2330		6990	1900	6990	8900	580	1900	2510	2.7	8.7	11.5	3.68
		2000	2000	2000	2000	8000	1680	1680	1680	1680	6720	1900	6720	8070	580	1850	2460	2.7	8.5	11.3	3.63
		2000	2000	2000	2500	8500	1600	1600	1600	1980	6780	1900	6780	8140	580	1880	2460	2.7	8.6	11.3	3.61
		2000	2000	2000	3500	9500	1470	1470	1470	2590	7000	1900	7000	8900	580	1900	2460	2.7	8.7	11.3	3.68
		2000	2000	2500	2500	9000	1560	1560	1940	1940	7000	1900	7000	8900	580	1880	2460	2.7	8.6	11.3	3.72
	2000	2000	2500	3500	10000	1400	1400	1750	2450	7000	1900	7000	8900	580	1900	2510	2.7	8.7	11.5	3.68	
	2000	2500	2500	2500	9500	1480	1840	1840	1840	7000	1900	7000	8900	580	1900	2460	2.7	8.7	11.3	3.68	
	2000	2500	2500	3500	10500	1330	1670	1670	2330	7000	1900	7000	8900	580	1930	2550	2.7	8.8	11.7	3.63	
	2500	2500	2500	2500	10000	1750	1750	1750	1750	7000	1900	7000	8900	580	1900	2550	2.7	8.7	11.7	3.68	

- Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
- The above is the value for connecting with the following indoor units.
- 2000, 2500, 3500, 5000W class: Wall Mounted [only for AR**FSSEDWUN, AR**FSFPESNN, AR**FSFPDGMN]
- Capacities are based on the following conditions:
- Corresponding refrigerant piping length : 5m / - Level difference : 0m
- The total ability of connected a indoor unit is up to 10.5 kW (@ Cooling)
- It is impossible to connect the indoor unit for one room only.
- Power consumption include indoor unit power.

HEATING

HEATING																					
Outdoor unit		Indoor unit combination					Heating Capacity (W)					Capacity			Power Consumption			Current			COP
												W			W			A			
		A	B	C	D	Total	A	B	C	D	Total	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
AJ070FCJ4EHEU	1 Unit	2200				2200	2200				2200	1790	2200	3220	580	950	1330	2.7	4.3	6.1	2.32
		3300				3300	3300				3300	1820	3300	3680	590	1150	1500	2.7	5.3	6.9	2.87
		4000				4000	4000				4000	1930	4000	4600	600	1300	1810	2.7	5.9	8.3	3.08
		6000				6000	6000				6000	2080	6000	6440	610	1750	2370	2.8	8.0	10.8	3.43
	2 Unit	2200	2200			4400	2200	2200			4400	1980	4400	5060	600	1220	1530	2.7	5.6	7.0	3.61
		2200	3300			5500	2040	3060			5100	2040	5100	5870	610	1410	1700	2.8	6.5	7.8	3.62
		2200	4000			6200	2130	3870			6000	2110	6000	6900	610	1760	2110	2.8	8.1	9.7	3.41
		2200	6000			8200	2090	5710			7800	2200	7800	9130	620	2160	2700	2.8	9.9	12.4	3.61
		3300	3300			6600	2900	2900			5800	2100	5800	6670	610	1600	1930	2.8	7.3	8.8	3.63
		3300	4000			7300	3030	3670			6700	2170	6700	8040	610	1940	2330	2.8	8.9	10.7	3.45
		3300	6000			9300	2770	5030			7800	2200	7800	9600	620	2160	2650	2.8	9.9	12.1	3.61
		4000	4000			8000	3800	3800			7600	2200	7600	9120	620	2180	2510	2.8	10.0	11.5	3.49
		4000	6000			10000	3250	4870			8120	2200	8120	9740	620	2250	2700	2.8	10.3	12.4	3.61
		6000	6000			12000	4250	4250			8500	2200	8500	10200	620	2250	2740	2.8	10.3	12.5	3.78
	3 Unit	2200	2200	2200		6600	2200	2200		2200	6600	2170	6600	7590	610	1830	2530	2.8	8.4	11.6	3.61
		2200	2200	3300		7700	2090	2090		3120	7300	2200	7300	8400	620	1880	2590	2.8	8.6	11.9	3.88
		2200	2200	4000		8400	2150	2150		3900	8200	2200	8200	9590	620	1930	2660	2.8	8.8	12.2	4.25
		2200	2200	6000		10400	1820	1820		4960	8600	2200	8600	10300	620	1960	2700	2.8	9.0	12.4	4.39
		2200	3300	3300		8800	2000	3000		3000	8000	2200	8000	9360	620	1900	2620	2.8	8.7	12.0	4.21
		2200	3300	4000		9500	1910	2870		3480	8260	2200	8260	9670	620	1930	2660	2.8	8.8	12.2	4.28
		2200	3300	6000		11500	1650	2470		4480	8600	2200	8600	10300	620	1970	2720	2.8	9.0	12.4	4.37
		2200	4000	4000		10200	1800	3270		3270	8340	2200	8340	9760	620	1950	2690	2.8	8.9	12.3	4.28
		2200	4000	6000		12200	1550	2820		4230	8600	2200	8600	10300	620	2000	2760	2.8	9.2	12.6	4.30
		3300	3300	3300		9900	2750	2750		2750	8250	2200	8250	9650	620	1930	2680	2.8	8.8	12.2	4.27
		3300	3300	4000		10600	2600	2600		3130	8330	2200	8330	9740	620	1950	2690	2.8	8.9	12.3	4.27
		3300	3300	6000		12600	2250	2250		4100	8600	2200	8600	10300	620	1980	2730	2.8	9.1	12.5	4.34
		3300	4000	4000		11300	2520	3040		3040	8600	2200	8600	10300	620	1980	2730	2.8	9.1	12.5	4.34
		4000	4000	4000		12000	2860	2870		2870	8600	2200	8600	10300	620	2000	2760	2.8	9.2	12.6	4.30
4 Unit	2200	2200	2200	2200	8800	2060	2060		2060	2070	8250	2200	8250	9660	620	1930	2660	2.8	8.8	12.2	4.27
	2200	2200	2200	3300	9900	1850	1850		1850	2770	8320	2200	8320	9730	620	1950	2690	2.8	8.9	12.3	4.27
	2200	2200	2200	4000	10600	1790	1790		1790	3230	8600	2200	8600	10300	620	2000	2760	2.8	9.2	12.6	4.30
	2200	2200	3300	3300	11000	1720	1720		2580	2580	8600	2200	8600	10300	620	1970	2720	2.8	9.0	12.4	4.37
	2200	2200	3300	4000	11700	1620	1620		2430	2930	8600	2200	8600	10300	620	2000	2760	2.8	9.2	12.6	4.30
	2200	3300	3300	3300	12100	1550	2350		2350	2350	8600	2200	8600	10300	620	2000	2760	2.8	9.2	12.6	4.30
	2200	3300	3300	4000	12800	1480	2220		2220	2680	8600	2200	8600	10300	620	2000	2760	2.8	9.2	12.6	4.30
	3300	3300	3300	3300	13200	2150	2150		2150	2150	8600	2200	8600	10300	620	2000	2760	2.8	9.2	12.6	4.30

FJM Capacity Combination

COOLING																					
Outdoor unit		Indoor unit combination					Cooling Capacity (W)					Capacity			Power Consumption			Current			EER
		A	B	C	D	Total	A	B	C	D	Total	W			W			A			
												MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
AJ080FCJ4HE/EU	1 Unit	2000				2000	2200				2200	1470	2200	3000	3800	780	950	1.7	3.6	4.3	2.82
		2500				2500	2500				2500	1520	2500	3480	390	840	1100	1.8	3.8	5.0	2.98
		3500				3500	3500				3500	1600	3500	4200	400	1130	1580	1.8	5.2	7.2	3.10
		5000				5000	4900				4900	1750	4900	6240	420	1520	2160	1.9	7.0	9.9	3.22
		6800				6800	6000				6000	1900	6000	8000	580	1990	2800	2.7	9.1	12.8	3.02
	2 Unit	2000	2000			4000	2000	2000			4000	1640	4000	4800	410	1240	1490	1.9	5.7	6.8	3.23
		2000	2500			4500	2040	2560			4600	1690	4600	5520	420	1430	1720	1.9	6.5	7.9	3.22
		2000	3500			5500	2000	3500			5500	1770	5500	6600	430	1710	2050	2	7.8	9.4	3.22
		2000	5000			7000	2060	5140			7200	1900	7200	8640	580	2240	2690	2.7	10.3	12.3	3.21
		2000	6800			8800	1690	5760			7450	1900	7450	8640	580	2350	2730	2.7	10.8	12.5	3.17
		2500	2500			5000	2600	2600			5200	1750	5200	6240	420	1660	2000	1.9	7.6	9.2	3.13
		2500	3500			6000	2540	3560			6100	1820	6100	7320	440	1900	2260	2	8.7	10.3	3.21
		2500	5000			7500	2400	4800			7200	1900	7200	8640	580	2240	2690	2.7	10.3	12.3	3.21
		2500	6800			9300	2030	5520			7550	1900	7550	8760	580	2380	2760	2.7	10.9	12.6	3.17
		3500	3500			7000	3500	3500			7000	1900	7000	8000	580	2490	2620	2.7	11.4	12.0	2.81
		3500	5000			8500	3030	4320			7350	1900	7350	8820	580	2290	2750	2.7	10.5	12.6	3.21
		3500	6800			10300	2620	5080			7700	1900	7700	8930	580	2400	2780	2.7	11.0	12.7	3.21
		5000	5000			10000	3830	3830			7660	1900	7660	9180	580	2380	2860	2.7	10.9	13.1	3.22
		5000	6800			11800	3310	4490			7800	1900	7800	8970	580	2430	2820	2.7	11.1	12.9	3.21
	3 Unit	2000	2000	2000		6000	2000	2000	2000		6000	1810	6000	7200	440	1850	2310	2	8.5	10.6	3.24
		2000	2000	2500		6500	2030	2030	2540		6600	1870	6600	7920	440	2000	2500	2	9.2	11.4	3.30
		2000	2000	3500		7500	2000	2000	3500		7500	1900	7500	9000	580	2220	2780	2.7	10.2	12.7	3.38
		2000	2000	5000		9000	1700	1700	4250		7650	1900	7650	9180	580	2190	2730	2.7	10.0	12.5	3.49
		2000	2000	6800		10800	1480	1480	5040		8000	1900	8000	9300	580	2270	2870	2.7	10.4	13.1	3.52
		2000	2500	2500		7000	2060	2570	2570		7200	1900	7200	8640	580	2150	2680	2.7	9.8	12.3	3.35
		2000	2500	3500		8000	1890	2360	3300		7550	1900	7550	9060	580	2150	2690	2.7	9.8	12.3	3.51
		2000	2500	5000		9500	1620	2030	4060		7710	1900	7710	9250	580	2190	2730	2.7	10.0	12.5	3.52
		2000	2500	6800		11300	1420	1770	4810		8000	1900	8000	9300	580	2270	2870	2.7	10.4	13.1	3.52
		2000	3500	3500		9000	1700	2970	2970		7640	1900	7640	9160	580	2190	2730	2.7	10.0	12.5	3.49
		2000	3500	5000		10500	1520	2670	3810		8000	1900	8000	9300	580	2260	2820	2.7	10.3	12.9	3.54
		2000	5000	5000		12000	1340	3330	3330		8000	1900	8000	9300	580	2300	2910	2.7	10.5	13.3	3.48
		2500	2500	2500		7500	2510	2510	2510		7530	1900	7530	9030	580	2110	2640	2.7	9.7	12.1	3.57
		2500	2500	3500		8500	2240	2240	3130		7610	1900	7610	9130	580	2140	2690	2.7	9.8	12.3	3.56
		2500	2500	5000		10000	1940	1940	3880		7760	1900	7760	9300	580	2210	2780	2.7	10.1	12.7	3.51
		2500	2500	6800		11800	1690	1690	4620		8000	1900	8000	9300	580	2300	2910	2.7	10.5	13.3	3.48
		2500	3500	3500		9500	2030	2830	2830		7690	1900	7690	9230	580	2180	2730	2.7	10.0	12.5	3.53
		2500	3500	5000		11000	1820	2550	3630		8000	1900	8000	9300	580	2260	2870	2.7	10.3	13.1	3.54
		3500	3500	3500		10500	2670	2670	2660		8000	1900	8000	9300	580	2260	2820	2.7	10.3	12.9	3.54
		3500	3500	5000		12000	2340	2340	3320		8000	1900	8000	9300	580	2300	2910	2.7	10.5	13.3	3.48
	4 Unit	2000	2000	2000	2000	8000	1890	1890	1890	1890	7560	1900	7560	9050	580	2140	2690	2.7	9.8	12.3	3.53
		2000	2000	2000	2500	8500	1790	1790	1790	2230	7600	1900	7600	9120	580	2140	2690	2.7	9.8	12.3	3.55
		2000	2000	2000	3500	9500	1620	1620	1620	2820	7680	1900	7680	9220	580	2180	2730	2.7	10.0	12.5	3.52
		2000	2000	2000	5000	11000	1450	1450	1450	3650	8000	1900	8000	9300	580	2300	2870	2.7	10.5	13.1	3.48
		2000	2000	2500	2500	9000	1700	1700	2130	2130	7660	1900	7660	9180	580	2190	2730	2.7	10.0	12.5	3.50
		2000	2000	2500	3500	10000	1550	1550	1930	2700	7730	1900	7730	9280	580	2200	2780	2.7	10.1	12.7	3.51
		2000	2000	2500	5000	11500	1390	1390	1740	3480	8000	1900	8000	9300	580	2300	2870	2.7	10.5	13.1	3.48
		2000	2000	3500	3500	11000	1450	1450	2550	2550	8000	1900	8000	9300	580	2280	2870	2.7	10.4	13.1	3.51
		2000	2500	2500	2500	9500	1620	2030	2030	2030	7710	1900	7710	9250	580	2190	2730	2.7	10.0	12.5	3.52
		2000	2500	2500	3500	10500	1530	1900	1900	2670	8000	1900	8000	9300	580	2260	2820	2.7	10.3	12.9	3.54
		2000	2500	2500	5000	12000	1330	1670	1670	3330	8000	1900	8000	9300	580	2300	2910	2.7	10.5	13.3	3.48
		2000	2500	3500	3500	11500	1400	1740	2430	2430	8000	1900	8000	9300	580	2300	2870	2.7	10.5	13.1	3.48
		2500	2500	2500	2500	10000	1940	1940	1940	1940	7760	1900	7760	9300	580	2220	2780	2.7	10.2	12.7	3.50
		2500	2500	2500	3500	11000	1820	1820	1820	2540	8000	1900	8000	9300	580	2300	2870	2.7	10.5	13.1	3.48
		2500	2500	3500	3500	12000	1670	1670	2330	2330	8000	1900	8000	9300	580	2300	2910	2.7	10.5	13.3	3.48

- Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
- The above is the value for connecting with the following indoor units.
 - 2000, 2500, 3500, 5000, 6800W class: Wall Mounted [only for AR**FSSDWUN, AR**FSFPESNN, AR**FSFPDGMN]
- Capacities are based on the following conditions:
 - Corresponding refrigerant piping length : 5m / - Level difference : 0m
- The total ability of connected a indoor unit is up to 12.0 kW (@ Cooling)
- It is impossible to connect the indoor unit for one room only.
- Power consumption include indoor unit power.

HEATING																						
Outdoor unit		Indoor unit combination					Heating Capacity (W)					Capacity			Power Consumption			Current			COP	
		A	B	C	D	Total	A	B	C	D	Total	W			W			A				
												MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX		
AJ080FCJ4EHEU	1 Unit	2200				2200	2200				2200	1790	2200	3220	580	950	1330	2.7	4.3	6.1	2.32	
		3300				3300	3300				3300	1820	2300	3680	590	1150	1500	2.7	5.3	6.9	2.87	
		4000				4000	4000				4000	1930	4000	4600	600	1300	1810	2.7	5.9	8.3	3.08	
		6000				6000	6000				6000	2080	6000	6440	610	1750	2370	2.8	8.0	10.8	3.43	
		7800				7800	7800				7800	2200	7800	8450	620	2250	2550	2.8	10.3	11.7	3.47	
	2 Unit	2200	2200			4400	2200	2200				4400	1980	4400	5060	600	1220	1530	2.7	5.6	7.0	3.61
		2200	3300			5500	2040	3060				5100	2040	5100	5870	610	1410	1700	2.8	6.5	7.8	3.62
		2200	4000			6200	2130	3870				6000	2110	6000	6900	610	1760	2110	2.8	8.1	9.7	3.41
		2200	6000			8200	2090	5710				7800	2200	7800	9130	620	2160	2580	2.8	9.9	11.8	3.61
		2200	7800			10000	1790	6330				8120	2200	8120	9300	620	2250	2600	2.8	10.3	11.9	3.61
		3300	3300			6600	2900	2900				5800	2100	5800	6670	610	1600	1930	2.8	7.3	8.8	3.63
		3300	4000			7300	3030	3670				6700	2170	6700	7710	610	1940	2330	2.8	8.9	10.7	3.45
		3300	6000			9300	2770	5030				7800	2200	7800	9360	620	2160	2600	2.8	9.9	11.9	3.61
		3300	7800			11100	2480	5870				8350	2200	8350	9600	620	2340	2700	2.8	10.7	12.4	3.57
		4000	4000			8000	3800	3800				7600	2200	7600	8740	620	2180	2510	2.8	10.0	11.5	3.49
		4000	6000			10000	3250	4870				8120	2200	8120	9500	620	2250	2650	2.8	10.3	12.1	3.61
		4000	7800			11800	2860	5590				8450	2200	8450	9700	620	2380	2700	2.8	10.9	12.4	3.55
		6000	6000			12000	4250	4250				8500	2200	8500	9950	620	2340	2750	2.8	10.7	12.6	3.63
		6000	7800			13800	3760	4890				8650	2200	8650	9900	620	2420	2800	2.8	11.1	12.8	3.57
		3 Unit	2200	2200	2200		6600	2200	2200	2200			6600	2170	6600	7590	610	1830	2220	2.8	8.4	10.2
	2200		2200	3300		7700	2090	2090	3120			7300	2200	7300	8400	620	1950	2340	2.8	8.9	10.7	3.74
	2200		2200	4000		8400	2150	2150	3900			8200	2200	8200	9590	620	2150	2570	2.8	9.8	11.8	3.81
	2200		2200	6000		10400	1820	1820	4980			8620	2200	8620	10090	620	2140	2610	2.8	9.8	11.9	4.03
	2200		2200	7800		12200	1580	1580	5590			8750	2200	8750	10500	620	2150	2750	2.8	9.8	12.6	4.07
	2200		3300	3300		8800	2000	3000	3000			8000	2200	8000	9360	620	2080	2500	2.8	9.5	11.4	3.85
	2200		3300	4000		9500	1980	2960	3590			8530	2200	8530	9980	620	2100	2690	2.8	9.6	12.3	4.06
	2200		3300	6000		11500	1660	2490	4530			8680	2200	8680	10150	620	2140	2740	2.8	9.8	12.5	4.06
	2200		3300	7800		13300	1540	2310	5450			9300	2200	9300	10900	620	2250	2820	2.8	10.3	12.9	4.13
	2200		4000	4000		10200	1860	3370	3370			8600	2200	8600	10070	620	2140	2740	2.8	9.8	12.5	4.02
	2200		4000	6000		12200	1580	2870	4300			8750	2200	8750	10500	620	2150	2750	2.8	9.8	12.6	4.07
	2200		6000	6000		14200	1440	3930	3930			9300	2200	9300	10900	620	2250	2820	2.8	10.3	12.9	4.13
	3300		3300	3300		9900	2840	2840	2840			8520	2200	8520	9960	620	2090	2680	2.8	9.6	12.3	4.08
	3300		3300	4000		10600	2670	2670	3250			8590	2200	8590	10050	620	2100	2690	2.8	9.6	12.3	4.09
	3300		3300	6000		12600	2290	2290	4170			8750	2200	8750	10500	620	2140	2740	2.8	9.8	12.5	4.09
	3300		3300	7800		14400	2130	2130	5040			9300	2200	9300	10900	620	2250	2820	2.8	10.3	12.9	4.13
	3300		4000	4000		11300	2520	3070	3070			8660	2200	8660	10130	620	2140	2740	2.8	9.8	12.5	4.05
	3300		4000	6000		13300	2310	2800	4190			9300	2200	9300	10500	620	2150	2750	2.8	9.8	12.6	4.13
	4000		4000	4000		12000	2910	2910	2910			8730	2200	8730	10220	620	2150	2750	2.8	9.8	12.6	4.06
	4000		4000	6000		14000	2660	2660	3980			9300	2200	9300	10900	620	2180	2790	2.8	10.0	12.8	4.27
	4 Unit	2200	2200	2200	2200	8800	2130	2130	2130	2130		8520	2200	8520	9970	620	2100	2690	2.8	9.6	12.3	4.06
2200		2200	2200	3300	9900	1910	1910	1910	2850		8580	2200	8580	10040	620	2100	2690	2.8	9.6	12.3	4.09	
2200		2200	2200	4000	10600	1800	1800	1800	3250		8650	2200	8650	10120	620	2140	2740	2.8	9.8	12.5	4.04	
2200		2200	2200	6000	12600	1620	1620	1620	4440		9300	2200	9300	10900	620	2200	2820	2.8	10.1	12.9	4.23	
2200		2200	3300	3300	11000	1730	1730	2590	2590		8640	2200	8640	10100	620	2140	2740	2.8	9.8	12.5	4.04	
2200		2200	3300	4000	11700	1640	1640	2460	2970		8710	2200	8710	10190	620	2140	2740	2.8	9.8	12.5	4.07	
2200		2200	3300	6000	13700	1490	1490	2240	4080		9300	2200	9300	10900	620	2200	2820	2.8	10.1	12.9	4.23	
2200		2200	4000	4000	12400	1560	1560	2830	2830		8780	2200	8780	10270	620	2180	2790	2.8	10.0	12.8	4.03	
2200		3300	3300	3300	12100	1580	2370	2370	2370		8690	2200	8690	10170	620	2140	2740	2.8	9.8	12.5	4.06	
2200		3300	3300	4000	12800	1510	2260	2260	2730		8760	2200	8760	10250	620	2180	2790	2.8	10.0	12.8	4.02	
2200		3300	3300	6000	14800	1390	2070	2070	3770		9300	2200	9300	10900	620	2250	2820	2.8	10.3	12.9	4.13	
2200		3300	4000	4000	13500	1520	2260	2760	2760		9300	2200	9300	10900	620	2200	2820	2.8	10.1	12.9	4.23	
3300		3300	3300	3300	13200	2190	2190	2190	2190		8760	2200	8760	10240	620	2140	2740	2.8	9.8	12.5	4.09	
3300		3300	3300	4000	13900	2210	2210	2210	2670		9300	2200	9300	10900	620	2180	2790	2.8	10.0	12.8	4.27	
3300		3300	4000	4000	14600	2100	2100	2550	2550		9300	2200	9300	10900	620	2200	2820	2.8	10.1	12.9	4.29	



Capacity Combination

COOLING																							
Outdoor unit		Indoor unit combination					Cooling Capacity (W)						Capacity			Power Consumption			Current			EER	
		A	B	C	D	E	Total	A	B	C	D	E	Total	W			W			A			
														MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM		MAX
1 Unit	2000					2000	2000						2000	1600	2000	3000	580	700	1010	2.7	3.2	4.6	2.86
	2500					2500	2500						2500	1600	2500	3630	580	800	1210	2.7	3.7	5.5	3.13
	3500					3500	3500						3500	1620	3500	4740	590	1070	1580	2.7	4.9	7.2	3.27
	5000					5000	5000						5000	1650	5000	6480	600	1500	2160	2.7	6.9	9.9	3.33
	6800					6800	6800						6800	1710	6800	8690	620	1800	2900	2.8	10.0	13.3	3.12
2 Unit	2000	2000				4000	2000	2000					4000	1680	4000	4900	610	1260	1650	2.8	5.8	7.6	3.17
	2000	2500				4500	2000	2500					4500	1680	4500	5530	610	1400	1860	2.8	6.4	8.5	3.21
	2000	3500				5500	2000	3500					5500	1710	5500	6950	620	1750	2330	2.8	8.0	10.7	3.14
	2000	5000				7000	2000	5000					7000	2210	7000	8690	630	2190	2910	2.9	10.0	13.3	3.20
	2000	6800				8800	1830	6240					8070	2280	8070	10110	650	2550	3390	3	11.7	15.5	3.16
	2500	2500				5000	2500	2500					5000	1680	5000	6320	610	1600	2120	2.8	7.3	9.7	3.13
	2500	3500				6000	2500	3500					6000	1710	6000	7270	620	1840	2430	2.8	8.4	11.1	3.26
	2500	5000				7500	2500	5000					7500	2210	7500	9320	630	2340	3120	2.9	10.7	14.3	3.21
	2500	6800				9300	2190	5960					8150	2280	8150	10110	650	2550	3390	3	11.7	15.5	3.20
	3500	3500				7000	3500	3500					7000	2170	7000	8530	620	2130	2850	2.8	9.7	13.0	3.29
	3500	5000				8500	3300	4720					8020	2240	8020	9950	640	2490	3330	2.9	11.4	15.2	3.22
	3500	6800				10300	2920	5670					8590	2480	8590	10740	660	2700	3600	3	12.4	16.5	3.18
	5000	5000				10000	4280	4280					8560	2440	8560	10430	650	2650	3500	3	12.1	16.0	3.23
	5000	6800				11800	3740	5080					8820	2510	8820	10900	670	2760	3670	3.1	12.6	16.8	3.20
	6800	6800				13600	4550	4550					9100	3110	9100	11000	690	2830	3740	3.2	13.0	17.1	3.22
	3 Unit	2000	2000	2000			6000	2000	2000	2000				6000	1760	6000	7270	640	1870	2460	2.9	8.6	11.3
2000		2000	2500			6500	2000	2000	2500				6500	1760	6500	7900	640	2010	2660	2.9	9.2	12.2	3.23
2000		2000	3500			7500	2000	2000	3500				7500	2280	7500	8850	650	2260	2980	3	10.3	13.6	3.32
2000		2000	5000			9000	1930	1930	4830				8690	2310	8690	10270	660	2610	3450	3	11.9	15.8	3.33
2000		2000	6800			10800	1660	1660	5650				8970	2550	8970	10430	680	2680	3530	3.1	12.3	16.2	3.35
2000		2500	2500			7000	2000	2500	2500				7000	2240	7000	8370	640	2110	2820	2.9	9.7	12.9	3.32
2000		2500	3500			8000	2000	2500	3500				8000	2280	8000	9320	650	2350	3130	3	10.8	14.3	3.40
2000		2500	5000			9500	1850	2310	4620				8780	2310	8780	10270	660	2610	3450	3	11.9	15.8	3.36
2000		2500	6800			11300	1550	1940	5270				8760	2550	8760	10430	680	2680	3530	3.1	12.3	16.2	3.27
2000		3500	3500			9000	1930	3380	3380				8690	2280	8690	10270	650	2600	3440	3	11.9	15.7	3.34
2000		3500	5000			10500	1700	2980	4250				8930	2510	8930	10430	670	2660	3510	3.1	12.2	16.1	3.36
2000		3500	6800			12300	1460	2550	4950				8960	2760	8960	10740	690	2730	3630	3.2	12.5	16.6	3.28
2000		5000	5000			12000	1480	3710	3710				8900	2720	8900	10740	680	2720	3630	3.1	12.4	16.6	3.27
2000		5000	6800			13800	1340	3360	4560				9260	3150	9260	11000	700	2840	3750	3.2	13.0	17.2	3.26
2000		6800	6800			15600	1260	4270	4270				9800	3240	9800	11000	720	2860	3770	3.3	13.1	17.3	3.43
2500		2500	2500			7500	2500	2500	2500				7500	2240	7500	8850	640	2250	2970	2.9	10.3	13.6	3.33
2500		2500	3500			8500	2500	2500	3500				8500	2280	8500	9950	650	2500	3340	3	11.4	15.3	3.40
2500		2500	5000			10000	2210	2210	4430				8850	2480	8850	10270	660	2610	3450	3	11.9	15.8	3.39
2500		2500	6800			11800	1880	1880	5110				8870	2550	8870	10740	680	2720	3630	3.1	12.4	16.6	3.26
2500		3500	3500			9500	2310	3230	3230				8770	2280	8770	10270	650	2600	3440	3	11.9	15.7	3.37
2500		3500	5000			11000	1980	2770	3950				8700	2510	8700	10430	670	2660	3510	3.1	12.2	16.1	3.27
2500		3500	6800			12800	1770	2480	4810				9060	2760	9060	10900	690	2780	3690	3.2	12.7	16.9	3.26
2500		5000	5000			12500	1800	3600	3600				9000	2720	9000	10900	680	2770	3680	3.1	12.7	16.8	3.25
2500		5000	6800			14300	1640	3270	4450				9360	3150	9360	11000	700	2740	3750	3.2	12.5	17.2	3.42
2500		6800	6800			16100	1520	4140	4140				9800	3240	9800	11000	720	2860	3770	3.3	13.1	17.3	3.43
3500		3500	3500			10500	2980	2980	2980				8940	2480	8940	10430	660	2650	3500	3	12.1	16.0	3.37
3500		3500	5000			12000	2600	2600	3710				8910	2680	8910	10740	670	2710	3620	3.1	12.4	16.6	3.29
3500		3500	6800			13800	2350	2350	4560				9260	3110	9260	11000	690	2830	3740	3.2	13.0	17.1	3.27
3500		5000	5000			13500	2390	3410	3410				9210	3110	9210	11000	690	2820	3740	3.2	12.9	17.1	3.27
3500		5000	6800			15300	2240	3200	4360				9800	3200	9800	11000	710	2800	3760	3.2	12.8	17.2	3.50
3500		6800	6800			17100	2000	3900	3900				9800	3290	9800	11000	730	2910	3780	3.3	13.3	17.3	3.37
5000		5000	5000			15000	3260	3270	3270				9800	3150	9800	11000	700	2790	3750	3.2	12.8	17.2	3.51
5000		5000	6800			16800	2920	2920	3960				9800	3240	9800	11000	720	2910	3770	3.3	13.3	17.3	3.37

COOLING																								
Outdoor unit		Indoor unit combination						Cooling Capacity (W)						Capacity			Power Consumption			Current			EER	
		A	B	C	D	E	Total	A	B	C	D	E	Total	W			W			A				
														MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX		
AJ100FCJ5EH/EU	4 Unit	2000	2000	2000	2000		8000	2000	2000	2000	2000		8000	2350	8000	9320	670	2380	3160	3.1	10.9	14.5	3.36	
		2000	2000	2000	2500		8500	2000	2000	2000	2500		8500	2350	8500	9950	670	2520	3360	3.1	11.5	15.4	3.37	
		2000	2000	2000	3500		9500	1850	1850	1850	3230		8780	2380	8780	10270	680	2620	3470	3.1	12.0	15.9	3.35	
		2000	2000	2000	5000		11000	1580	1580	1580	3950		8690	2590	8690	10430	690	2690	3540	3.2	12.3	16.2	3.23	
		2000	2000	2000	6800		12800	1420	1420	1420	4820		9080	2840	9080	10900	710	2880	3710	3.2	12.8	17.0	3.24	
		2000	2000	2500	2500		9000	1930	1930	1930	2420	2420		8700	2350	8700	10270	670	2620	3460	3.1	12.0	15.8	3.32
		2000	2000	2500	3500		10000	1770	1770	1770	2210	3100		8850	2550	8850	10270	680	2620	3470	3.1	12.0	15.9	3.38
		2000	2000	2500	5000		11500	1530	1530	1910	3830		8800	2590	8800	10740	690	2730	3640	3.2	12.5	16.7	3.22	
		2000	2000	2500	6800		13300	1380	1380	1720	4680		9160	3200	9160	10900	710	2880	3710	3.2	12.8	17.0	3.27	
		2000	2000	3500	3500		11000	1580	1580	2770	2770		8700	2550	8700	10430	680	2680	3530	3.1	12.3	16.2	3.25	
		2000	2000	3500	5000		12500	1440	1440	2520	3600		9000	2800	9000	10900	700	2790	3700	3.2	12.8	16.9	3.23	
		2000	2000	3500	6800		14300	1310	1310	2290	4450		9360	3240	9360	11000	720	2760	3770	3.3	12.6	17.3	3.39	
		2000	2000	5000	5000		14000	1330	1330	3320	3320		9300	3200	9300	11000	710	2850	3760	3.2	13.0	17.2	3.26	
		2000	2000	5000	6800		15800	1240	1240	3100	4220		9800	3290	9800	11000	730	2870	3780	3.3	13.1	17.3	3.41	
		2000	2500	2500	2500		9500	1850	2310	2310	2310		8780	2350	8780	10270	670	2620	3460	3.1	12.0	15.8	3.35	
		2000	2500	2500	3500		10500	1700	2130	2130	2980		8940	2550	8940	10430	680	2670	3520	3.1	12.2	16.1	3.35	
		2000	2500	2500	5000		12000	1480	1850	1850	3700		8880	2760	8880	10740	690	2730	3640	3.2	12.5	16.7	3.25	
		2000	2500	2500	6800		13800	1340	1680	1680	4560		9260	3200	9260	11000	710	2850	3760	3.2	13.0	17.2	3.25	
		2000	2500	3500	3500		11500	1530	1910	2680	2680		8800	2550	8800	10740	680	2720	3630	3.1	12.4	16.6	3.24	
		2000	2500	3500	5000		13000	1400	1750	2450	3500		9100	3150	9100	10900	700	2790	3700	3.2	12.8	16.9	3.26	
		2000	2500	3500	6800		14800	1280	1600	2240	4350		9470	3240	9470	11000	720	2810	3770	3.3	12.9	17.3	3.37	
		2000	2500	5000	5000		14500	1300	1620	3240	3240		9400	3200	9400	11000	710	2800	3760	3.2	12.8	17.2	3.36	
		2000	2500	5000	6800		16300	1200	1500	3010	4090		9800	3290	9800	11000	730	2870	3780	3.3	13.1	17.3	3.41	
		2000	3500	3500	3500		12500	1440	2520	2520	2520		9000	2760	9000	10900	690	2780	3690	3.2	12.7	16.9	3.24	
		2000	3500	3500	5000		14000	1330	2330	2330	3330		9320	3150	9320	11000	700	2840	3750	3.2	13.0	17.2	3.28	
		2000	3500	3500	6800		15800	1240	2170	2170	4220		9800	3240	9800	11000	720	2860	3770	3.3	13.1	17.3	3.43	
		2000	3500	5000	5000		15500	1270	2210	3160	3160		9800	3240	9800	11000	720	2850	3770	3.3	13.0	17.3	3.44	
		2000	3500	5000	6800		17300	1140	1980	2830	3850		9800	3330	9800	11000	740	2920	3790	3.4	13.4	17.3	3.36	
		2000	5000	5000	5000		17000	1160	2880	2880	2880		9800	3290	9800	11000	730	2920	3780	3.3	13.4	17.3	3.36	
		2500	2500	2500	2500		10000	2210	2210	2210	2210		8840	2510	8840	10270	670	2620	3460	3.1	12.0	15.8	3.37	
		2500	2500	2500	3500		11000	1980	1980	1980	2770		8710	2550	8710	10430	680	2670	3520	3.1	12.2	16.1	3.26	
		2500	2500	2500	5000		12500	1800	1800	1800	3600		9000	2760	9000	10900	690	2780	3690	3.2	12.7	16.9	3.24	
		2500	2500	2500	6800		14300	1640	1640	1640	4460		9380	3200	9380	11000	710	2750	3760	3.2	12.6	17.2	3.41	
		2500	2500	3500	3500		12000	1850	1850	2600	2600		8900	2720	8900	10740	680	2720	3630	3.1	12.4	16.6	3.27	
		2500	2500	3500	5000		13500	1700	1700	2390	3410		9200	3150	9200	11000	700	2830	3750	3.2	13.0	17.2	3.25	
		2500	2500	3500	6800		15300	1600	1600	2240	4360		9800	3240	9800	11000	720	2810	3770	3.3	12.9	17.3	3.49	
		2500	2500	5000	5000		15000	1630	1630	3270	3270		9800	3200	9800	11000	710	2880	3760	3.2	12.8	17.2	3.50	
		2500	2500	5000	6800		16800	1460	1460	2920	3960		9800	3290	9800	11000	730	2920	3780	3.3	13.4	17.3	3.36	
		2500	3500	3500	3500		13000	1750	2450	2450	2450		9100	3110	9100	10900	690	2780	3690	3.2	12.7	16.9	3.27	
		2500	3500	3500	5000		14500	1620	2270	2270	3240		9400	3150	9400	11000	700	2790	3750	3.2	12.8	17.2	3.37	
2500	3500	3500	6800		16300	1510	2100	2100	4090		9800	3240	9800	11000	720	2860	3770	3.3	13.1	17.3	3.43			
2500	3500	5000	5000		16000	1540	2140	3060	3060		9800	3240	9800	11000	720	2850	3770	3.3	13.0	17.3	3.44			
3500	3500	3500	3500		14000	2330	2330	2330	2330		9320	3110	9320	11000	690	2830	3740	3.2	13.0	17.1	3.29			
3500	3500	3500	5000		15500	2210	2210	2210	3170		9800	3200	9800	11000	710	2840	3760	3.2	13.0	17.2	3.45			
3500	3500	3500	6800		17300	1980	1980	1980	3860		9800	3290	9800	11000	730	2910	3780	3.3	13.3	17.3	3.37			
3500	3500	5000	5000		17000	2020	2020	2880	2880		9800	3240	9800	11000	720	2910	3770	3.3	13.3	17.3	3.37			



Capacity Combination

COOLING

Outdoor unit		Indoor unit combination						Cooling Capacity (W)						Capacity			Power Consumption			Current			EER
		A	B	C	D	E	Total	A	B	C	D	E	Total	W			W			A			
														MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
AJ100FCJ5EHEU	5 Unit	2000	2000	2000	2000	2000	10000	1900	1900	1900	1900	1900	9500	2630	9500	10270	700	2650	3490	3.2	12.1	16.0	3.58
		2000	2000	2000	2000	2500	10500	1820	1820	1820	1820	2270	9550	2630	9550	10430	700	2700	3550	3.2	12.4	16.2	3.54
		2000	2000	2000	2000	3500	11500	1680	1680	1680	1680	2940	9660	2660	9660	10740	710	2750	3650	3.2	12.6	16.7	3.51
		2000	2000	2000	2000	5000	13000	1540	1540	1540	1540	3840	10000	3240	10000	10900	720	2810	3720	3.3	12.9	17.0	3.56
		2000	2000	2000	2000	6800	14800	1350	1350	1350	1350	4600	10000	3330	10000	11000	740	2830	3790	3.4	13.0	17.3	3.53
		2000	2000	2000	2500	2500	11000	1750	1750	1750	2180	2180	9610	2630	9610	10430	700	2700	3550	3.2	12.4	16.2	3.56
		2000	2000	2000	2500	3500	12000	1620	1620	1620	2020	2830	9710	2840	9710	10740	710	2750	3650	3.2	12.6	16.7	3.53
		2000	2000	2000	2500	5000	13500	1480	1480	1480	1860	3700	10000	3240	10000	11000	720	2860	3770	3.3	13.1	17.3	3.50
		2000	2000	2000	2500	6800	15300	1310	1310	1310	1630	4440	10000	3330	10000	11000	740	2830	3790	3.4	13.0	17.3	3.53
		2000	2000	2000	3500	3500	13000	1540	1540	1540	2690	2690	10000	3200	10000	10900	710	2800	3710	3.2	12.8	17.0	3.57
		2000	2000	2000	3500	5000	14500	1380	1380	1380	2410	3450	10000	3290	10000	11000	730	2820	3780	3.3	12.9	17.3	3.55
		2000	2000	2000	3500	6800	16300	1230	1230	1230	2150	4160	10000	3380	10000	11000	750	2880	3800	3.4	13.2	17.4	3.47
		2000	2000	2000	5000	5000	16000	1240	1240	1240	3140	3140	10000	3330	10000	11000	740	2880	3790	3.4	13.2	17.3	3.47
		2000	2000	2500	2500	2500	11500	1680	1680	2100	2100	2100	9660	2630	9660	10740	700	2740	3650	3.2	12.5	16.7	3.53
		2000	2000	2500	2500	3500	12500	1600	1600	2000	2000	2800	10000	2840	10000	10900	710	2800	3710	3.2	12.8	17.0	3.57
		2000	2000	2500	2500	5000	14000	1430	1430	1790	1790	3560	10000	3240	10000	11000	720	2860	3770	3.3	13.1	17.3	3.50
		2000	2000	2500	2500	6800	15800	1270	1270	1580	1580	4300	10000	3330	10000	11000	740	2880	3790	3.4	13.2	17.3	3.47
		2000	2000	2500	3500	3500	13500	1480	1480	1860	2590	2590	10000	3200	10000	11000	710	2850	3760	3.2	13.0	17.2	3.51
		2000	2000	2500	3500	5000	15000	1330	1330	1680	2330	3330	10000	3290	10000	11000	730	2820	3780	3.3	12.9	17.3	3.55
		2000	2000	2500	3500	6800	16800	1190	1190	1490	2080	4050	10000	3380	10000	11000	750	2930	3800	3.4	13.4	17.4	3.41
		2000	2000	2500	5000	5000	16500	1210	1210	1520	3030	3030	10000	3330	10000	11000	740	2930	3790	3.4	13.4	17.3	3.41
		2000	2000	3500	3500	3500	14500	1370	1370	2420	2420	2420	10000	3240	10000	11000	720	2810	3770	3.3	12.9	17.3	3.56
		2000	2000	3500	3500	5000	16000	1250	1250	2190	2190	3120	10000	3290	10000	11000	730	2870	3780	3.3	13.1	17.3	3.48
		2000	2500	2500	2500	2500	12000	1620	2020	2020	2020	2020	9700	2800	9700	10740	700	2740	3650	3.2	12.5	16.7	3.54
		2000	2500	2500	2500	3500	13000	1550	1920	1920	1920	2690	10000	3200	10000	10900	710	2800	3710	3.2	12.8	17.0	3.57
		2000	2500	2500	2500	5000	14500	1390	1720	1720	1720	3450	10000	3240	10000	11000	720	2810	3770	3.3	12.9	17.3	3.56
		2000	2500	2500	2500	6800	16300	1240	1530	1530	1530	4170	10000	3330	10000	11000	740	2880	3790	3.4	13.2	17.3	3.47
		2000	2500	2500	3500	3500	14000	1440	1790	1790	2490	2490	10000	3200	10000	11000	710	2850	3760	3.2	13.0	17.2	3.51
		2000	2500	2500	3500	5000	15500	1290	1610	1610	2260	3230	10000	3290	10000	11000	730	2860	3780	3.3	13.1	17.3	3.50
		2000	2500	2500	3500	6800	17300	1160	1450	1450	2020	3920	10000	3380	10000	11000	750	2930	3800	3.4	13.4	17.4	3.41
		2000	2500	2500	5000	5000	17000	1180	1470	1470	2940	2940	10000	3330	10000	11000	740	2930	3790	3.4	13.4	17.3	3.41
		2000	2500	3500	3500	3500	15000	1340	1670	2330	2330	2330	10000	3240	10000	11000	720	2810	3770	3.3	12.9	17.3	3.56
		2000	2500	3500	3500	5000	16500	1210	1520	2120	2120	3030	10000	3290	10000	11000	730	2920	3780	3.3	13.4	17.3	3.42
		2000	3500	3500	3500	3500	16000	1240	2190	2190	2190	2190	10000	3240	10000	11000	720	2860	3770	3.3	13.1	17.3	3.50
		2500	2500	2500	2500	2500	12500	2000	2000	2000	2000	2000	10000	3000	10000	11000	700	2900	3700	3.2	13.3	16.9	3.45
		2500	2500	2500	2500	3500	13500	1850	1850	1850	1850	2600	10000	3200	10000	11000	710	2840	3760	3.2	13.0	17.2	3.52
		2500	2500	2500	2500	5000	15000	1670	1670	1670	1670	3320	10000	3240	10000	11000	720	2810	3770	3.3	12.9	17.3	3.56
		2500	2500	2500	2500	6800	16800	1490	1490	1490	1490	4040	10000	3330	10000	11000	740	2930	3790	3.4	13.4	17.3	3.41
		2500	2500	2500	3500	3500	14500	1720	1720	1720	2420	2420	10000	3200	10000	11000	710	2800	3760	3.2	12.8	17.2	3.57
		2500	2500	2500	3500	5000	16000	1560	1560	1560	2190	3130	10000	3290	10000	11000	730	2860	3780	3.3	13.1	17.3	3.50
		2500	2500	3500	3500	3500	15500	1610	1610	2260	2260	2260	10000	3240	10000	11000	720	2850	3770	3.3	13.0	17.3	3.51
		2500	2500	3500	3500	5000	17000	1470	1470	2060	2060	2940	10000	3290	10000	11000	730	2920	3780	3.3	13.4	17.3	3.42
		2500	3500	3500	3500	3500	16500	1520	2120	2120	2120	2120	10000	3240	10000	11000	720	2910	3770	3.3	13.3	17.3	3.44

HEATING















Outdoor unit		Indoor unit combination					Cooling Capacity (W)							Capacity			Power Consumption			Current			EER	
		A	B	C	D	E	Total	A	B	C	D	E	Total	W			W			A				
														MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX		
AJ100FCJ5EHEU	1 Unit	2200					2200	2200						2200	1160	2200	3160	430	900	1080	2	4.1	4.9	2.44
		3300					3300	3200					3200	1160	3200	4270	430	1070	1284	2	4.9	5.9	2.99	
		4000					4000	4000					4000	1190	4000	5210	440	1280	1536	2	5.9	7.0	3.13	
		6000					6000	6000					6000	1220	6000	7430	450	1800	2160	2.1	8.2	9.9	3.33	
		7800					7800	7800					7800	1270	7800	9640	470	2350	2820	2.2	10.8	12.9	3.32	
	2 Unit	2200	2200				4400	2200	2200					4400	1240	4400	5530	460	1250	1520	2.1	5.7	7.0	3.52
		2200	3300				5500	2200	3300					5500	1240	5500	6790	460	1520	1850	2.1	7.0	8.5	3.62
		2200	4000				6200	2200	4000					6200	1270	6200	7580	470	1700	2060	2.2	7.8	9.4	3.65
		2200	6000				8200	2200	6000					8200	1300	8200	10110	480	2240	2750	2.2	10.3	12.6	3.66
		2200	7800				10000	2200	7800					10000	1500	10000	12480	500	2790	3390	2.3	12.8	15.5	3.58
		3300	3300				6600	3300	3300					6600	1240	6600	8220	460	1820	2230	2.1	8.3	10.2	3.63
		3300	4000				7300	3300	4000					7300	1270	7300	9010	470	2010	2440	2.2	9.2	11.2	3.63
		3300	6000				9300	3300	6000					9300	1300	9300	11690	480	2590	3160	2.2	11.9	14.5	3.59
		3300	7800				11100	3150	7450					10600	1500	10600	13110	500	2920	3560	2.3	13.4	16.3	3.63
		4000	4000				8000	4000	4000					8000	1270	8000	9800	470	2190	2650	2.2	10.0	12.1	3.65
		4000	6000				10000	4000	6000					10000	1470	10000	12320	490	2730	3330	2.2	12.5	15.2	3.66
		4000	7800				11800	3590	7010					10600	1530	10600	13110	510	2930	3560	2.3	13.4	16.3	3.62
		6000	6000				12000	5300	5300					10600	1650	10600	13110	500	2920	3560	2.3	13.4	16.3	3.63
		6000	7800				13800	4610	5990					10600	1820	10600	13110	520	2940	3580	2.4	13.5	16.4	3.61
		7800	7800				15600	5300	5300					10600	2160	10600	12960	540	2920	3560	2.5	13.4	16.3	3.63
	3 Unit	2200	2200	2200			6600	2200	2200	2200				6600	1320	6600	7580	490	1720	2090	2.2	7.9	9.6	3.84
		2200	2200	3300			7700	2200	2200	3300				7700	1320	7700	9010	490	2030	2460	2.2	9.3	11.3	3.79
		2200	2200	4000			8400	2200	2200	4000				8400	1350	8400	9800	500	2210	2680	2.3	10.1	12.3	3.80
		2200	2200	6000			10400	2050	2050	5590				9690	1530	9690	12170	510	2710	3320	2.3	12.4	15.2	3.58
		2200	2200	7800			12200	1780	1780	6300				9860	1750	9860	12170	530	2730	3340	2.4	12.5	15.3	3.61
		2200	3300	3300			8800	2200	3300	3300				8800	1320	8800	10740	490	2380	2920	2.2	10.9	13.4	3.70
		2200	3300	4000			9500	2200	3300	4000				9500	1350	9500	11380	500	2520	3090	2.3	11.5	14.1	3.77
		2200	3300	6000			11500	1870	2810	5110				9790	1530	9790	11850	510	2670	3230	2.3	12.2	14.8	3.67
		2200	3300	7800			13300	1650	2470	5850				9970	1860	9970	12170	530	2730	3340	2.4	12.5	15.3	3.65
		2200	4000	4000			10200	2090	3790	3790				9670	1500	9670	12170	500	2700	3310	2.3	12.4	15.1	3.58
		2200	4000	6000			12200	1780	3230	4850				9860	1720	9860	12170	520	2720	3320	2.4	12.4	15.2	3.63
		2200	4000	7800			14000	1580	2870	5590				10040	1890	10040	12320	540	2780	3380	2.5	12.7	15.5	3.61
		2200	6000	6000			14200	1560	4250	4250				10060	1860	10060	12320	530	2780	3380	2.4	12.7	15.5	3.62
		2200	6000	7800			16000	1490	4050	5270				10810	2200	10810	12800	550	2880	3520	2.5	13.2	16.1	3.75
		2200	7800	7800			17800	1360	4820	4820				11000	2280	11000	12960	570	2950	3590	2.6	13.5	16.4	3.73
		3300	3300	3300			9900	3210	3210	3210				9630	1470	9630	11850	490	2650	3210	2.2	12.1	14.7	3.63
		3300	3300	4000			10600	3020	3020	3660				9700	1500	9700	11530	500	2560	3140	2.3	11.7	14.4	3.79
		3300	3300	6000			12600	2590	2590	4710				9890	1680	9890	12320	510	2760	3360	2.3	12.6	15.4	3.58
		3300	3300	7800			14400	2440	2440	5770				10650	1860	10650	12480	530	2820	3420	2.4	12.9	15.7	3.78
		3300	4000	4000			11300	2850	3460	3460				9770	1500	9770	11850	500	2660	3220	2.3	12.2	14.7	3.67
		3300	4000	6000			13300	2470	3000	4500				9970	1820	9970	12170	520	2720	3320	2.4	12.4	15.2	3.67
		3300	4000	7800			15100	2340	2840	5540				10720	1890	10720	12480	540	2830	3430	2.5	13.0	15.7	3.79
		3300	6000	6000			15300	2320	4210	4210				10740	1860	10740	12480	530	2820	3420	2.4	12.9	15.7	3.81
		3300	6000	7800			17100	2120	3860	5200				11000	2200	11000	12960	550	2930	3570	2.5	13.4	16.3	3.75
		3300	7800	7800			18900	1920	4540	4540				11000	2280	11000	13110	570	2990	3630	2.6	13.7	16.6	3.68
4000		4000	4000			12000	3280	3280	3280				9840	1680	9840	12170	510	2710	3310	2.3	12.4	15.1	3.63	
4000		4000	6000			14000	2870	2870	4300				10040	1820	10040	12320	520	2770	3370	2.4	12.7	15.4	3.62	
4000		4000	7800			15800	2730	2730	5330				10790	2160	10790	12800	540	2870	3510	2.5	13.1	16.1	3.76	
4000		6000	6000			16000	2700	4050	4050				10800	2160	10800	12800	540	2870	3510	2.5	13.1	16.1	3.76	
4000		6000	7800			17800	2470	3710	4820				11000	2240	11000	12960	560	2930	3570	2.6	13.4	16.3	3.75	
4000		7800	7800			19600	2240	4380	4380				11000	2320	11000	13430	580	3040	3720	2.7	13.9	17.0	3.62	
6000		6000	6000			18000	3660	3670	3670				11000	2200	11000	12960	550	2930	3570	2.5	13.4	16.3	3.75	
6000		6000	7800			19800	3330	3330	4340				11000	2280	11000	13430	570	3040	3710	2.6	13.9	17.0	3.62	



Capacity Combination





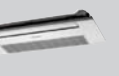





HEATING																							
Outdoor unit		Indoor unit combination						Cooling Capacity (W)						Capacity			Power Consumption			Current			EER
														W			W			A			
		A	B	C	D	E	Total	A	B	C	D	E	Total	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
AJ100FCJ5EHEU	4 Unit	2200	2200	2200	2200		8800	2200	2200	2200		8800	1400	8800	9800	520	2240	2700	2.4	10.3	12.4	3.93	
		2200	2200	2200	3300		9900	2140	2140	2140	3210		9630	1560	9630	11380	520	2550	3120	2.4	11.7	14.3	3.78
		2200	2200	2200	4000		10600	2010	2010	2010	3660		9690	1590	9690	12170	530	2730	3330	2.4	12.5	15.2	3.55
		2200	2200	2200	6000		12600	1730	1730	1730	4710		9900	1780	9900	12170	540	2740	3350	2.5	12.5	15.3	3.61
		2200	2200	2200	7800		14400	1630	1630	1630	5770		10660	1960	10660	12320	560	2810	3410	2.6	12.9	15.6	3.79
		2200	2200	3300	3300		11000	1950	1950	2920	2920		9740	1560	9740	11530	520	2590	3160	2.4	11.9	14.5	3.76
		2200	2200	3300	4000		11700	1840	1840	2760	3350		9790	1590	9790	11850	530	2680	3250	2.4	12.3	14.9	3.65
		2200	2200	3300	6000		13700	1610	1610	2410	4380		10010	1890	10010	12170	540	2740	3350	2.5	12.5	15.3	3.65
		2200	2200	3300	7800		15500	1530	1530	2290	5410		10760	1960	10760	12480	560	2850	3450	2.6	13.0	15.8	3.78
		2200	2200	4000	4000		12400	1750	1750	3190	3190		9880	1750	9880	12170	530	2730	3340	2.4	12.5	15.3	3.62
		2200	2200	4000	6000		14400	1630	1630	2960	4440		10660	1930	10660	12320	550	2790	3390	2.5	12.8	15.5	3.82
		2200	2200	4000	7800		16200	1470	1470	2670	5210		10820	2280	10820	12800	570	2900	3540	2.6	13.3	16.2	3.73
		2200	2200	6000	6000		16400	1460	1460	3970	3970		10860	2240	10860	12800	560	2890	3530	2.6	13.2	16.2	3.76
		2200	2200	6000	7800		18200	1330	1330	3630	4710		11000	2320	11000	12960	580	2960	3600	2.7	13.5	16.5	3.72
		2200	3300	3300	3300		12100	1790	2690	2690	2690		9860	1720	9860	12170	520	2720	3330	2.4	12.4	15.2	3.63
		2200	3300	3300	4000		12800	1710	2560	2560	3100		9930	1750	9930	12320	530	2770	3370	2.4	12.7	15.4	3.58
		2200	3300	3300	6000		14800	1590	2380	2380	4330		10680	1890	10680	12480	540	2830	3430	2.5	13.0	15.7	3.77
		2200	3300	3300	7800		16600	1440	2160	2160	5100		10860	2240	10860	12960	560	2940	3580	2.6	13.5	16.4	3.69
		2200	3300	4000	4000		13500	1630	2440	2960	2960		9990	1860	9990	12170	530	2730	3340	2.4	12.5	15.3	3.66
		2200	3300	4000	6000		15500	1530	2290	2780	4170		10770	1930	10770	12480	550	2840	3440	2.5	13.0	15.7	3.79
		2200	3300	4000	7800		17300	1400	2100	2540	4960		11000	2280	11000	12960	570	2940	3580	2.6	13.5	16.4	3.74
		2200	3300	6000	6000		17500	1390	2070	3770	3770		11000	2240	11000	12960	560	2940	3580	2.6	13.5	16.4	3.74
		2200	3300	6000	7800		19300	1250	1880	3420	4450		11000	2320	11000	13110	580	3000	3640	2.7	13.7	16.7	3.67
		2200	4000	4000	4000		14200	1560	2830	2830	2830		10050	1890	10050	12320	540	2780	3380	2.5	12.7	15.5	3.62
		2200	4000	4000	6000		16200	1470	2670	2670	4010		10820	2200	10820	12800	550	2880	3520	2.5	13.2	16.1	3.76
		2200	4000	4000	7800		18000	1350	2440	2440	4770		11000	2280	11000	12960	570	2950	3590	2.6	13.5	16.4	3.73
		2200	4000	6000	6000		18200	1330	2410	3630	3630		11000	2280	11000	12960	570	2940	3580	2.6	13.5	16.4	3.74
		2200	4000	6000	7800		20000	1210	2200	3300	4290		11000	2360	11000	13430	590	3050	3730	2.7	14.0	17.1	3.61
		2200	6000	6000	6000		20200	1190	3270	3270	3270		11000	2320	11000	13430	580	3050	3720	2.7	14.0	17.0	3.61
		3300	3300	3300	3300		13200	2490	2490	2490	2490		9960	1820	9960	12480	520	2810	3410	2.4	12.9	15.6	3.54
		3300	3300	3300	4000		13900	2380	2380	2380	2880		10020	1860	10020	12320	530	2770	3370	2.4	12.7	15.4	3.62
		3300	3300	3300	6000		15900	2240	2240	2240	4080		10800	2160	10800	12800	540	2870	3510	2.5	13.1	16.1	3.76
		3300	3300	3300	7800		17700	2050	2050	2050	4850		11000	2240	11000	12960	560	2940	3580	2.6	13.5	16.4	3.74
		3300	3300	4000	4000		14600	2410	2410	2920	2920		10660	1860	10660	12480	530	2820	3420	2.4	12.9	15.7	3.78
		3300	3300	4000	6000		16600	2160	2160	2620	3930		10870	2200	10870	12960	550	2920	3560	2.5	13.4	16.3	3.72
		3300	3300	4000	7800		18400	1970	1970	2400	4660		11000	2280	11000	13110	570	2990	3620	2.6	13.7	16.6	3.68
		3300	3300	6000	6000		18600	1950	1950	3550	3550		11000	2240	11000	13110	560	2980	3620	2.6	13.6	16.6	3.69
		3300	3300	6000	7800		20400	1780	1780	3240	4200		11000	2320	11000	13590	580	3090	3760	2.7	14.1	17.2	3.56
		3300	4000	4000	4000		15300	2320	2810	2810	2810		10750	1890	10750	12480	540	2830	3430	2.5	13.0	15.7	3.80
		3300	4000	4000	6000		17300	2100	2540	2540	3820		11000	2200	11000	12960	550	2930	3570	2.5	13.4	16.3	3.75
		3300	4000	4000	7800		19100	1910	2300	2300	4490		11000	2280	11000	13110	570	2990	3630	2.6	13.7	16.6	3.68
		3300	4000	6000	6000		19300	1880	2280	3420	3420		11000	2280	11000	13110	570	2990	3620	2.6	13.7	16.6	3.68
		4000	4000	4000	4000		16000	2700	2700	2700	2700		10800	2160	10800	12800	540	2870	3510	2.5	13.1	16.1	3.76
		4000	4000	4000	6000		18000	2440	2440	2440	3680		11000	2240	11000	12960	560	2930	3570	2.6	13.4	16.3	3.75
		4000	4000	4000	7800		19800	2220	2220	2220	4340		11000	2320	11000	13430	580	3040	3720	2.7	13.9	17.0	3.62
		4000	4000	6000	6000		20000	2200	2200	3300	3300		11000	2280	11000	13430	570	3040	3710	2.6	13.9	17.0	3.62

HEATING																									
Outdoor unit		Indoor unit combination						Cooling Capacity (W)						Capacity			Power Consumption			Current			EER		
		A	B	C	D	E	Total	A	B	C	D	E	Total	W			W			A					
														MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX			
AJ100FCJ5EHEU	5 Unit	2200	2200	2200	2200	2200	11000	2200	2200	2200	2200	2200	11000	1650	11000	13110	550	2970	3610	2.5	13.6	16.5	3.70		
		2200	2200	2200	2200	3300	12100	2080	2080	2080	2080	3120	11440	1820	11440	12960	550	2930	3570	2.5	13.4	16.3	3.90		
		2200	2200	2200	2200	4000	12800	1990	1990	1990	1990	3620	11580	1850	11580	13110	560	2980	3610	2.6	13.6	16.5	3.89		
		2200	2200	2200	2200	6000	14800	1710	1710	1710	1710	4660	11500	2000	11500	13430	570	3040	3710	2.6	13.9	17.0	3.78		
		2200	2200	2200	2200	7800	16600	1580	1580	1580	1580	5610	11930	2360	11930	13750	580	3140	3810	2.7	14.4	17.4	3.80		
		2200	2200	2200	3300	3300	13200	1950	1950	1950	2930	2930	11710	1930	11710	13430	550	3020	3690	2.5	13.8	16.9	3.88		
		2200	2200	2200	3300	4000	13900	1880	1880	1880	2820	3420	11880	1960	11880	13110	560	2980	3610	2.6	13.6	16.5	3.99		
		2200	2200	2200	3300	6000	15900	1630	1630	1630	2440	4450	11780	2280	11780	13590	570	3080	3750	2.6	14.1	17.2	3.82		
		2200	2200	2200	3300	7800	17700	1490	1490	1490	2240	5290	12000	2360	12000	13900	590	3190	3860	2.7	14.6	17.7	3.76		
		2200	2200	2200	4000	4000	14600	1730	1730	1730	3140	3140	11470	1960	11470	13430	560	3030	3700	2.6	13.9	16.9	3.79		
		2200	2200	2200	4000	6000	16600	1580	1580	1580	2880	4320	11940	2320	11940	13750	580	3130	3800	2.7	14.3	17.4	3.81		
		2200	2200	2200	4000	7800	18400	1430	1430	1430	2620	5090	12000	2400	12000	14000	600	3240	3940	2.7	14.8	18.0	3.70		
		2200	2200	2200	6000	6000	18600	1420	1420	1420	3870	3870	12000	2360	12000	14000	590	3230	3940	2.7	14.8	18.0	3.72		
		2200	2200	3300	3300	3300	14300	1840	1840	2760	2760	2760	11960	1930	11960	13430	550	3020	3690	2.5	13.8	16.9	3.96		
		2200	2200	3300	3300	4000	15000	1690	1690	2540	2540	3080	11540	1960	11540	13590	560	3070	3740	2.6	14.1	17.1	3.76		
		2200	2200	3300	3300	6000	17000	1550	1550	2330	2330	4240	12000	2280	12000	13900	570	3170	3840	2.6	14.5	17.6	3.79		
		2200	2200	3300	3300	7800	18800	1400	1400	2110	2110	4980	12000	2360	12000	14000	590	3280	3940	2.7	15.0	18.0	3.66		
		2200	2200	3300	4000	4000	15700	1640	1640	2470	2990	2990	11730	2240	11730	13590	560	3070	3740	2.6	14.1	17.1	3.82		
		2200	2200	3300	4000	6000	17700	1490	1490	2240	2710	4070	12000	2320	12000	13900	580	3170	3840	2.7	14.5	17.6	3.79		
		2200	2200	3300	4000	7800	19500	1350	1350	2040	2460	4800	12000	2400	12000	14000	600	3280	3940	2.7	15.0	18.0	3.66		
		2200	2200	3300	6000	6000	19700	1340	1340	2020	2650	3650	12000	2360	12000	14000	590	3280	3940	2.7	15.0	18.0	3.66		
		2200	2200	4000	4000	4000	16400	1600	1600	2900	2900	2900	11900	2280	11900	13750	570	3120	3790	2.6	14.3	17.3	3.81		
		2200	2200	4000	4000	6000	18400	1430	1430	2610	2610	3920	12000	2320	12000	14000	580	3220	3930	2.7	14.7	18.0	3.73		
		2200	2200	3300	3300	3300	15400	1670	2500	2500	2500	2500	11670	1930	11670	13590	550	3060	3730	2.5	14.0	17.1	3.81		
		2200	3300	3300	3300	4000	16100	1620	2420	2420	2420	2940	11820	2240	11820	13750	560	3110	3780	2.6	14.2	17.3	3.80		
		2200	3300	3300	3300	6000	18100	1460	2190	2190	2190	3970	12000	2280	12000	14000	570	3210	3920	2.6	14.7	17.9	3.74		
		2200	3300	3300	3300	7800	19900	1330	1990	1990	1990	4700	12000	2360	12000	14000	590	3320	3940	2.7	15.2	18.0	3.61		
		2200	3300	3300	4000	4000	16800	1570	2350	2360	2860	2860	12000	2240	12000	13900	560	3160	3830	2.6	14.5	17.5	3.80		
		2200	3300	3300	4000	6000	18800	1400	2110	2110	2550	3830	12000	2320	12000	14000	580	3260	3920	2.7	14.9	17.9	3.68		
		2200	3300	3300	4000	7800	20600	1290	1920	1920	2330	4540	12000	2400	12000	14000	600	3370	3940	2.7	15.4	18.0	3.56		
		2200	3300	3300	6000	6000	20800	1280	1900	1900	3460	3460	12000	2360	12000	14000	590	3370	3940	2.7	15.4	18.0	3.56		
		2200	3300	4000	4000	4000	17500	1520	2260	2740	2740	2740	12000	2280	12000	13900	570	3160	3830	2.6	14.5	17.5	3.80		
2200	3300	4000	4000	6000	19500	1360	2030	2460	2460	3690	12000	2320	12000	14000	580	3270	3930	2.7	15.0	18.0	3.67				
2200	4000	4000	4000	4000	18200	1440	2640	2640	2640	2640	12000	2280	12000	14000	570	3210	3920	2.6	14.7	17.9	3.74				
3300	3300	3300	3300	3300	16500	2400	2400	2400	2400	2400	12000	3400	12000	14000	550	2930	3900	2.5	13.4	17.8	4.10				
3300	3300	3300	3300	4000	17200	2300	2300	2300	2300	2800	12000	2240	12000	13900	560	3150	3820	2.6	14.4	17.5	3.81				
3300	3300	3300	3300	6000	19200	2060	2060	2060	2060	3760	12000	2280	12000	14000	570	3260	3920	2.6	14.9	17.9	3.68				
3300	3300	3300	3300	7800	21000	1890	1890	1890	1890	4440	12000	2360	12000	14000	590	3370	3940	2.7	15.4	18.0	3.56				
3300	3300	3300	4000	4000	17900	2210	2210	2210	2680	2690	12000	2240	12000	14000	560	3200	3910	2.6	14.6	17.9	3.75				
3300	3300	3300	4000	6000	19900	1990	1990	1990	2410	3620	12000	2320	12000	14000	580	3310	3920	2.7	15.1	17.9	3.63				
3300	3300	4000	4000	4000	18600	2130	2130	2580	2580	2580	12000	2280	12000	14000	570	3250	3910	2.6	14.9	17.9	3.69				
3300	3300	4000	4000	6000	20600	1920	1920	2330	2330	3500	12000	3400	12000	14000	580	3360	3930	2.7	15.4	18.0	3.57				
3300	4000	4000	4000	4000	19300	2040	2490	2490	2490	2490	12000	2280	12000	14000	570	3260	3920	2.6	14.9	17.9	3.66				




TYPE \ CAPACITY		2.6 kW	3.5 kW	5.2 kW	6.0 kW	7.0/ 7.1 kW	9.0 kW	10.0 kW	12.5 kW	14.0 kW
SMART INVERTER	PREMIUM									
	3PHASE									
	DELUXE	1PHASE								
3PHASE										
R INVERTER	1PHASE									

TYPE \ CAPACITY	10.0 kW
FLAGSHIP (One Size)	







Cassette

MODEL						
		4Way Cassette S				
CAPACITY	2.6				●	●
	3.5				●	●
	5.2			●	●	
	6.0				●	
	7.0 / 7.1		●	●	●	
	9.0		●	●		
	10.0	●	●	●		
	12.5		●	●		
	14.0		●	●		
FEATURES	 Powerful Airflow	●	●	●	●	●
	 Ceiling Dust Prevention	●	●	●	●	●
	 Fresh Air Intake	●	●	●	●	
	 High Lift-up Drain Pump	●	●	●	●	●
	 Sub Duct	●	●	●	●	








Wall-mounted

MODEL		
CAPACITY	2.6	●
	3.5	●
	5.2	●
	7.0 / 7.1	●
FEATURES	 Deodorizing Filter	●
	 Smart Inverter	●
	good [®] sleep	●

Duct

MODEL			
CAPACITY	2.6		
	3.5		●
	5.2	●	●
	6.0		
	7.0 / 7.1	●	●
	9.0	●	
	10.0	●	
	12.5	●	
	14.0	●	
FEATURES	 Anti-virus Filter	●	●
	 Easy Filter Cleaning	●	●
	 High Lift-up Drain Pump	●	●
	 Smart Pressure Control	●	●

Console & Ceiling

MODEL			
CAPACITY	2.6	●	
	3.5	●	
	5.2	●	●
	7.0 / 7.1		●
FEATURES	 S-Plasma ion	●	
	 Interior Design	●	●
	 Anti-virus Filter	●	●
	 Lightweight Unit	●	●
	 Flexible Pipe Installation	●	●



4Way Cassette S

- S-Plasma ion (Optional)
- Surround Flow
- Individual Blade Control
- Fan Speed Adjustment for High Ceiling



Flagship

Premium

Model Name			Indoor Unit	AC100FB4FEH/EU	AC071FB4PEH/EU	AC090FB4PEH/EU	AC100FB4PEH/EU	NS1254PXE/A
			Outdoor Unit	AC100FCAF/EH/EU	AC071FCAF/EH/EU	AC090FCAF/EH/EU	AC100FCAF/EH/EU	RC125PHXE/A
Capacity (Nominal)	Mode		-	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
	Cooling (Min. / Std. / Max.)	kW	4.40/10.00/12.00	2.20/7.10/8.00	2.20/7.10/8.00	3.50/10.00/12.00	3.50/12.50/14.00	
		Btu/h	15,000/34,100/40,900	7,500/24,200/27,300	8,500/30,700/34,100	11,900/34,100/40,900	11,900/42,700/47,800	
Power	Heating (Min. / Std. / Max.)		kW	3.50/11.20/15.50	1.90/6.00/9.00	2.30/10.00/13.90	3.50/11.20/15.50	3.50/14.00/16.20
	Power Input (Nominal)	kW	11,900/38,200/52,900	6,500/27,300/30,700	7,800/34,100/47,400	11,900/38,200/52,900	11,900/47,800/55,300	
		Heating (Min. / Std. / Max.)	kW	1.05/2.38/3.10	0.35/1.97/4.00	0.80/2.65/3.70	0.80/2.50/3.80	0.80/3.47/4.80
Energy Efficiency	Current Input (Nominal)		A	4.60/11.50/24.00	2.00/9.50/21.00	3.00/13.30/18.70	3.70/15.50/24.00	3.70/15.50/24.00
	MCA	A	3.00/11.80/24.00	2.00/9.80/21.00	2.40/13.00/23.00	3.50/11.90/24.00	3.50/16.00/24.00	
		MFA	A	25.00 (MCA)	20.30 (MCA)	25.00 (MCA)	25.00 (MCA)	25.00 (MCA)
Piping Connections	EER (Nominal Cooling)		-	4.20	3.60	3.40	4.00	3.60
	COP (Nominal Heating)	-	4.55	3.81	3.80	4.31	3.90	
		Energy Grade	-	Energy Grade (C) 6.7(A++)	Energy Grade (C) 6.4(A++)	Energy Grade (C) 6.4(A++)	Energy Grade (C) 6.4(A++)	Energy Grade (C) A
Field Wiring	Energy Grade		-	Energy Grade (H) 4.31(A+)	Energy Grade (H) 4.2(A+)	Energy Grade (H) 4.2(A+)	Energy Grade (H) 4.2(A+)	Energy Grade (H) A
	Liquid Pipe	Φ, mm	9.52	6.35	9.52	9.52	9.52	
		Φ, inch	3/8"	1/4"	3/8"	3/8"	3/8"	
Refrigerant	Gas Pipe		Φ, mm	15.88	15.88	15.88	15.88	15.88
	Installation Limitation	Max. Length (Outdoor to indoor)	Φ, inch	5/8"	5/8"	5/8"	5/8"	5/8"
		Max. Height (Between ID/OD)	m	75(75)	50(55)	75(75)	75(75)	75(75)
Factory Charging	Power Source Wire		m	30(30)	30(30)	30(30)	30(30)	30(30)
	Transmission Cable	-	4.0 ~ 6.0	2.5 ~ 4.0	2.5 ~ 4.0	2.5 ~ 4.0	2.5 ~ 4.0	
		Type	-	0.75 ~ 1.25	0.75 ~ 1.0	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25
INDOOR UNIT	Control Method		-	R410A	R410A	R410A	R410A	R410A
	Factory Charging	-	-	1.80	-	-	-	-
		kg	3.80	-	3.00	3.40	3.40	3.40
INDOOR UNIT								
Power Supply	Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Type	-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Motor	Output	W	-	-	-	-	-
Air Flow Rate	Number of Unit		EA	1.00	1.00	1.00	1.00	1.00
	High / Mid / Low	CMM	32.00/28.00/22.00	21.00/19.00/17.00	27.00/24.00/20.00	30.00/24.00/18.90	30.00/28.00/22.00	32.00/28.00/22.00
		l/s	533.33/466.67/366.67	350.00/316.67/283.33	450.00/400.00/333.33	500.00/400.00/315.00	533.33/466.67/366.67	533.33/466.67/366.67
Sound	External Static Pressure		mmAq	-	-	-	-	-
	Min / Std / Max	Pa	-	-	-	-	-	-
		VP25 (OD 32, ID 25)	Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
External Dimension	Sound Pressure		dB(A)	45.00/38.5/32.0	37.00/33.0/28.0	42.00/37.0/32.0	44.00/39.0/34.0	44.00/40.0/36.0
	Net Weight	kg	20.00	17.00	18.00	21.00	20.00	
		Shipping Weight	kg	25.00	22.00	23.00	26.00	26.00
Panel Size	Net Dimensions (WxHxD)		mm	840 x 288 x 840	840 x 248 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
	Shipping Dimensions (WxHxD)	mm	898 x 357 x 898	898 x 357 x 898	898 x 357 x 898	898 x 357 x 898	898 x 357 x 898	
		Panel model	-	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE
Additional Accessories	Panel Net Weight		kg	5.90	5.90	5.90	5.90	5.90
	Shipping Weight	kg	8.40	8.40	8.40	8.40	8.40	
		Net Dimensions (WHDD)	mm	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950
Air Filter	Shipping Dimensions (WHDD)		mm	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005
	Drain pump	-	-	-	-	-	-	-
		Max. lifting Height / Displacement	mm / liter/h	-	-	-	-	-
OUTDOOR UNIT								
Compressor	Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	3,4,380-415,50	1,2,220-240,50
	Type	-	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
	Model	-	UG5T450FJAXSG	UG4T200FJAEJXSG	UG8T200FJAEJXSG	UG5T450FJAEJXSG	UG5T450FJAEJXSG	UG5T450FJAEJXSG
Fan	Output		kW	4.01	1.79	2.82	4.12	4.12
	Oil	Type	-	POE	POE	POE	POE	POE
		Initial Charge	cc	1700.00	650.00	1200.00	1700.00	1700.00
Sound	Air Flow Rate		CMM	112.00	50.00	63.50	91.00	90.50
	Sound Pressure	Cooling	l/s	1,866.67	833.33	1,058.33	1,516.67	1,508.33
		Cooling / Heating	dB(A)	49.0 / 51.0	49.0 / 51.0	52.0 / 53.0	50.0 / 52.0	51.0 / 52.0
External Dimension	Net Weight		kg	98.00	55.00	72.00	88.00	88.00
	Shipping Weight	kg	108.00	59.00	77.00	98.00	98.00	
		Net Dimensions (WxHxD)	mm	940 x 1420 x 330	880 x 798 x 310	940 x 998 x 330	940 x 1210 x 330	940 x 1210 x 330
Operating Temp. Range	Shipping Dimensions (WxHxD)		mm	1009 x 1578 x 419	1023 x 891 x 413	995 x 1096 x 426	995 x 1338 x 426	995 x 1338 x 426
	Cooling	°C	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50
		Heating	°C	-20~24	-20~24	-20~24	-20~24	-20~24

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Optional Accessories

Individual Controllers



MWR-WE10

MWR-WH0*

MWR-SH00

MR-DH00

Panel



PC4NUSKA

PC4NBSKA

PC4NUSKE



Specification - Indoor Units



4Way Cassette S

- S-Plasma ion (Optional)
- Surround Flow
- Individual Blade Control
- Fan Speed Adjustment for High Ceiling



				Premium		Deluxe				
Model Name	Indoor Unit		Outdoor Unit	NS1254PXE RC125PHXGA	NS1404PXE RC140PHXGA	NS1404PXE RC140PHXGA	AC052FB4DEH/EU AC052FC4DEH/EU	AC071FB4DEH/EU AC071FC4DEH/EU	AC090FB4DEH/EU AC090FC4DEH/EU	
Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP		HEAT PUMP	HEAT PUMP	
Capacity (Nominal)	Cooling (Min. / Std. / Max.)		kW	3.50/12.50/14.00	4.40/14.00/15.50	4.40/14.00/15.50		2.20/7.10/8.00	3.00/9.00/10.00	
			Btu/h	11,900/42,700/47,800	15,000/47,800/52,900	15,000/47,800/52,900		7,500/24,200/27,300	10,200/30,700/34,100	
	Heating (Min. / Std. / Max.)		kW	3.50/14.00/16.20	3.50/16.00/20.00	3.50/16.00/20.00		1.90/8.00/9.00	2.20/10.00/13.90	
			Btu/h	11,900/47,800/55,300	11,900/54,600/68,200	11,900/54,600/68,200		6,500/27,300/30,700	7,500/34,100/47,400	
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)		0.80/3.47/4.80	1.05/4.00/5.40	1.05/4.00/5.40		0.35/2.21/4.00	0.60/2.99/3.70	
				kW	0.70/3.59/4.50	0.87/4.10/6.50	0.87/4.10/6.50		0.35/2.22/4.00	0.46/2.93/5.20
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)		2.10/5.80/12.00	4.60/17.80/24.00	4.60/17.80/24.00		2.00/10.00/21.00	3.00/12.70/18.70	
				A	2.10/5.80/16.10	4.00/18.70/28.00	4.00/18.70/28.00		2.00/10.00/21.00	2.50/12.50/22.70
Energy Efficiency	MCA			13.00 (MCA)	33.00 (MCA)	33.00 (MCA)		20.30 (MCA)	24.70 (MCA)	
				A	15.00	40.00	40.00		25.00	30.00
	EER (Nominal Cooling)			-	3.60	3.50	3.50		3.21	3.01
				-	3.90	3.90	3.90		3.60	3.41
	Energy Grade			Energy Grade (C) A	Energy Grade (C) A	Energy Grade (C) A		Energy Grade (C) 6.0(A+)	Energy Grade (C) 5.6(A+)	
				Energy Grade (H) A	Energy Grade (H) A	Energy Grade (H) A		Energy Grade (H) 3.9(A)	Energy Grade (H) 3.8(A)	
Piping Connections	Liquid Pipe		Φ, mm	9.52	9.52	9.52		6.35	9.52	
			Φ, inch	3/8"	3/8"	3/8"		1/4"	3/8"	
	Gas Pipe		Φ, mm	15.88	15.88	15.88		15.88	15.88	
			Φ, inch	5/8"	5/8"	5/8"		5/8"	5/8"	
	Installation Limitation	Max. Length (Outdoor to indoor)		75(75)	75(75)	75(75)		50(55)	50(55)	
			Max. Height (Between ID/OD)		m	30(30)	30(30)	30(30)		30(30)
Field Wiring	Power Source Wire			-	1.5 ~ 2.5	4.0 ~ 6.0	1.5 ~ 2.5	2.5 ~ 4.0	2.5 ~ 4.0	
				-	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.0	0.75 ~ 1.25	
Refrigerant	Type			-	R410A	R410A	R410A	R410A	R410A	
				-	-	-	-	-	-	-
	Control Method		-	-	-	-	-	-	-	
	Factory Charging		kg	3.40	3.80	3.80		1.80	3.00	
INDOOR UNIT										
Power Supply	Type	Output	Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50		1,2,220-240,50	1,2,220-240,50	
				Turbo Fan	Turbo Fan	Turbo Fan		Turbo Fan	Turbo Fan	
				W	-	-	-	-	-	
				EA	1.00	1.00	1.00	1.00	1.00	
				CMM	32.00/28.00/22.00	32.00/28.00/22.00	32.00/28.00/22.00	19.50/16.50/14.50	24.50/21.00/17.50	
				l/s	533.33/466.67/366.67	533.33/466.67/366.67	533.33/466.67/366.67	325.00/275.00/241.67	408.33/350.00/291.67	
	Air Flow Rate	High / Mid / Low		-	-	-	-	-	-	
				mmAq	-	-	-	-	-	-
Drain	Drain Pipe			-	-	-	-	-	-	
				Pa	-	-	-	-	-	-
Sound	Sound Pressure	High / Mid / Low	Φ,mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	
			dB(A)	44.00/40.0/36.0	45.00/41.5/38.0	45.00/41.5/38.0		37.00/35.0/30.0	40.00/36.0/32.0	
External Dimension	Net Weight			20.00	20.00	21.00		15.00	16.00	
				kg	26.00	26.00	26.00	20.00	20.50	
				mm	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	840 x 204 x 840	840 x 246 x 840	
				mm	898 x 357 x 898	898 x 357 x 898	898 x 357 x 898	898 x 274 x 898	898 x 316 x 898	
Panel Size	Panel model			PC4NUSKE	PC4NUSKE	PC4NUSKE		PC4NUSKE	PC4NUSKE	
				kg	5.90	5.90	5.90	5.90	5.90	
				kg	8.40	8.40	8.40	8.40	8.40	
				mm	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	
Additional Accessories	Shipping Dimensions (WDHDD)			mm	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	
				-	-	-	-	-	-	
				Drain pump	-	-	-	-	-	-
				Max. lifting Height / Displacement	mm / liter/h	-	-	-	-	-
	Air Filter		-	-	-	-	-	-		
OUTDOOR UNIT										
Power Supply	Type	Output	Φ, #, V, Hz	3,4,380-415,50	1,2,220-240,50	3,4,380-415,50		1,2,220-240,50	1,2,220-240,50	
				Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary		Twin BLDC Rotary	Twin BLDC Rotary	
				UG5T450FUAJXSG	UG5T450FUAJXSG	UG5T450FUAJXSG		UG4T200FUAJXSG	UG8T300FUAJXSG	
				kW	4.12	4.01	4.01	1.79	2.82	
Compressor	Model			-	-	-	-	-	-	
				POE	POE	POE	POE	POE		
				cc	1700.00	1700.00	1700.00	650.00	1200.00	
				CMM	90.50	101.00	101.00	50.00	63.50	
Fan	Air Flow Rate	Cooling		1,508.33	1,683.33	1,683.33		833.33	1,058.33	
				l/s	51.0 / 52.0	51.0 / 53.0	51.0 / 53.0	49.0 / 51.0	51.0 / 52.0	
Sound	Sound Pressure	Cooling / Heating		dB(A)	51.0 / 52.0	51.0 / 53.0	51.0 / 53.0		49.0 / 51.0	51.0 / 52.0
				kg	88.00	98.00	101.00		55.00	72.00
				kg	98.00	108.00	111.00		59.00	77.00
				mm	940 x 1210 x 330	940 x 1420 x 330	940 x 1420 x 330	880 x 798 x 310	940 x 998 x 330	
External Dimension	Shipping Dimensions (WxHxD)			mm	995 x 1338 x 426	1009 x 1548 x 419	1009 x 1548 x 419	1023 x 891 x 413	995 x 1096 x 426	
				mm	940 x 1210 x 330	940 x 1420 x 330	940 x 1420 x 330	880 x 798 x 310	940 x 998 x 330	
Operating Temp. Range	Cooling			°C	-15~50	-15~50	-15~50		-15~50	-15~50
				°C	-20~24	-20~24	-20~24	-20~24	-20~24	-20~24

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Optional Accessories

Individual Controllers

MWR-WE10

MWR-WH0*

MWR-SH00

MR-DH00

Panel

PC4NUSKA

PC4NBSKA

PC4NUSKE



Specification - Indoor Units



4Way Cassette S

- S-Plasma ion (Optional)
- Surround Flow
- Individual Blade Control
- Fan Speed Adjustment for High Ceiling



Deluxe

Indoor Unit			AC100FB4DEH1EU	AC100FB4DEH1EU	NS1254DXEA	NS1254DXEA	NS1404DXEA	NS1404DXEA
Outdoor Unit			AC100FCADH1EU	AC100FCADH1EU	RC125DHXEB	RC125DHXGA	RC140DHXEB	RC140DHXGA
Model Name			HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW	3.20/10.00/12.00	4.00/10.00/12.00	3.50/12.50/14.00	3.50/12.50/14.00	3.50/14.00/15.50	3.50/14.00/15.50
	Heating (Min. / Std. / Max.)	kW	10.900/34.100/40.900	13.600/34.100/40.900	11.900/42.700/47.800	11.900/42.700/47.800	11.900/47.800/52.900	11.900/47.800/52.900
Power	Cooling (Min. / Std. / Max.)	Btu/h	2.20/11.20/15.50	3.50/11.20/15.50	3.00/14.00/16.20	3.00/14.00/16.20	3.50/16.00/18.00	3.50/16.00/18.00
	Heating (Min. / Std. / Max.)	Btu/h	7.500/38.200/52.900	11.900/38.200/52.900	10.200/47.800/55.300	10.200/47.800/55.300	11.900/54.600/61.400	11.900/54.600/61.400
Energy Efficiency	Power Input (Nominal)	kW	0.60/3.32/4.70	0.90/3.32/4.70	0.80/3.89/4.50	0.80/3.89/4.50	0.80/4.36/5.40	0.80/4.36/5.40
	Current Input (Nominal)	A	0.50/3.32/5.20	0.70/3.28/5.50	0.81/3.88/4.88	0.81/3.88/4.88	0.70/4.43/6.16	0.70/4.43/6.16
	MCA	A	3.00/15.10/20.50	1.60/5.10/7.80	4.00/18.00/20.00	2.10/6.10/12.10	3.70/20.00/24.00	2.10/7.50/12.00
	MFA	A	2.60/14.60/24.00	1.30/5.10/16.10	3.50/18.00/24.00	2.10/6.10/16.10	3.50/20.00/24.00	2.10/7.40/16.10
Energy Efficiency	EER (Nominal Cooling)	-	30.00	15.00	30.00	15.00	30.00	15.00
	COP (Nominal Heating)	-	3.01	3.01	3.21	3.21	3.21	3.21
	Energy Grade	-	3.37	3.41	3.61	3.61	3.61	3.61
	Energy Grade (C) 5.6(A+)	-	Energy Grade (C) 5.6(A+)	Energy Grade (C) 5.6(A+)	Energy Grade (C) A	Energy Grade (C) A	Energy Grade (C) A	Energy Grade (C) A
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	9.52	9.52	9.52	9.52
	Gas Pipe	Φ, inch	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
	Installation Limitation	m	50(55)	50(55)	75(75)	75(75)	75(75)	75(75)
	Max. Height (Between ID/OD)	m	30(30)	30(30)	30(30)	30(30)	30(30)	30(30)
Field Wiring	Power Source Wire	-	2.5 ~ 4.0	1.5 ~ 2.5	2.5 ~ 4.0	1.5 ~ 2.5	2.5 ~ 4.0	1.5 ~ 2.5
	Transmission Cable	-	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	R410A
	Control Method	-	-	-	-	-	-	-
Factory Charging	kg	-	3.00	3.10	2.90	2.90	3.40	3.40
INDOOR UNIT								
Power Supply	Φ, #, V, Hz	-	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Type	-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
Motor	Output	W	-	-	-	-	-	-
	Number of Unit	EA	1.00	1.00	1.00	1.00	1.00	1.00
Air Flow Rate	High / Mid / Low	CMM	28.00/25.50/22.00	28.00/25.50/22.00	30.00/24.00/19.00	30.00/24.00/19.00	32.00/28.00/22.00	32.00/28.00/22.00
	External Static Pressure	mmAq	466.67/425.00/366.67	466.67/425.00/366.67	500.00/400.00/316.67	500.00/400.00/316.67	533.33/466.67/366.67	533.33/466.67/366.67
Drain	Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
	Sound Pressure	dB(A)	44.00/39.0/34.0	44.00/39.0/34.0	44.00/40.0/36.0	44.00/40.0/36.0	45.00/41.5/38.0	45.00/41.5/38.0
External Dimension	Net Weight	kg	16.00	16.00	18.00	18.00	20.00	20.00
	Shipping Weight	kg	20.50	24.50	24.00	24.00	26.00	26.00
Panel Size	Net Dimensions (WxHxD)	mm	840 x 246 x 840	840 x 246 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
	Shipping Dimensions (WxHxD)	mm	898 x 316 x 898	898 x 316 x 898	898 x 357 x 898	898 x 357 x 898	898 x 357 x 898	898 x 357 x 898
Additional Accessories	Drain pump	-	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE	PC4NUSKE
	Max. lifting Height / Displacement	mm / liter/h	5.90	5.90	5.90	5.90	5.90	5.90
Air Filter	mm	-	8.40	8.40	8.40	8.40	8.40	8.40
	mm	-	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950
OUTDOOR UNIT	Drain pump	-	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005	1005 x 100 x 1005
	Air Filter	-	-	-	-	-	-	-
OUTDOOR UNIT								
Power Supply	Φ, #, V, Hz	-	1,2,220-240,50	3,4,380-415,50	1,2,220-240,50	3,4,380-415,50	1,2,220-240,50	3,4,380-415,50
	Type	-	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
Compressor	Model	-	UG8T300FUBJUSG	UG5T450FUEJXSG	UG5T450FUEJXSG	UG5T450FUEJXSG	UG5T450FUEJXSG	UG5T450FUEJXSG
	Output	kW	2.82	4.12	4.12	4.12	4.12	4.12
Oil	Type	-	POE	POE	POE	POE	POE	POE
	Initial Charge	cc	1200.00	1700.00	1700.00	1700.00	1700.00	1700.00
Fan	Air Flow Rate	CMM	68.00	68.00	90.50	90.50	90.50	90.50
	Sound Pressure	dB(A)	1,133.33	1,133.33	1,508.33	1,508.33	1,508.33	1,508.33
External Dimension	Net Weight	kg	52.0 / 54.0	52.0 / 54.0	51.0 / 52.0	51.0 / 52.0	52.0 / 54.0	52.0 / 54.0
	Shipping Weight	kg	72.00	81.00	88.00	88.00	91.00	91.00
Panel Size	Net Dimensions (WxHxD)	mm	77.00	86.00	91.00	91.00	98.00	98.00
	Shipping Dimensions (WxHxD)	mm	940 x 998 x 330	940 x 998 x 330	940 x 1210 x 330	940 x 1210 x 330	940 x 1210 x 330	940 x 1210 x 330
Operating Temp. Range	Cooling	°C	995 x 1096 x 426	995 x 1096 x 426	995 x 1338 x 426	995 x 1338 x 426	995 x 1338 x 426	995 x 1338 x 426
	Heating	°C	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50
Air Filter	mm	-	-20~24	-20~24	-20~24	-20~24	-20~24	-20~24
	mm	-	-	-	-	-	-	-

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Optional Accessories

Individual Controllers



MWR-WE10MWR-WH0*MWR-SH00MR-DH00

Panel



PC4NUSKAPC4NBSKAPC4NUSKE



Mini 4Way Cassette S

- Compact and Light Unit
- S-Plasma ion (Optional)
- Motion Detect Sensor (Optional)
- No Overflowing Drain Water



Model Name			Indoor Unit	Outdoor Unit	AC026FBNDEH/EU	AC026FCADH/EU	AC035FBNDEH/EU	AC035FCADH/EU	AC052FBNDEH/EU	AC052FCADH/EU	AC060FBNDEH/EU	AC060FCADH/EU	AC071FBNDEH/EU	AC071FCADH/EU
Mode					HEAT PUMP		HEAT PUMP		HEAT PUMP		HEAT PUMP		HEAT PUMP	
Capacity (Nominal)	Cooling (Min. / Std. / Max.)				0.99/2.60/3.50		0.99/2.60/3.50		1.30/5.00/5.90		1.80/5.00/6.50		2.00/6.80/7.50	
					3,400/8,900/11,900		3,400/11,900/14,300		4,400/17,100/20,100		6,100/19,800/22,200		6,800/23,200/25,600	
	Heating (Min. / Std. / Max.)				0.98/3.30/4.60		0.98/4.00/5.00		1.30/5.00/5.90		1.60/7.00/9.00		1.60/7.50/10.00	
Power					3,300/11,300/15,700		3,300/13,600/17,100		4,400/18,800/25,600		5,500/23,900/30,700		5,500/25,600/34,100	
	Power Input (Nominal)	Cooling (Min. / Std. / Max.)			0.23/0.73/1.13		0.24/1.09/1.45		0.31/1.66/2.10		0.38/1.81/2.60		0.39/2.26/2.60	
		Heating (Min. / Std. / Max.)			0.18/0.90/1.40		0.18/1.11/1.40		0.35/1.61/2.40		0.35/2.18/3.60		0.35/2.41/3.80	
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)			1.60/3.70/5.50		1.60/5.60/6.80		2.60/7.50/9.50		1.90/8.30/11.50		1.90/10.20/11.50	
		Heating (Min. / Std. / Max.)			1.20/4.60/6.60		1.20/5.70/6.70		2.90/7.50/11.00		1.70/10.00/17.30		1.70/10.70/17.60	
	MCA					10.30 (MCA)		10.30 (MCA)		10.80 (MCA)		20.30 (MCA)		20.30 (MCA)
Energy Efficiency					12.50		12.50		13.13		25.00		25.00	
	EER (Nominal Cooling)				3.56		3.21		3.01		3.20		3.01	
	COP (Nominal Heating)				3.67		3.60		3.42		3.21		3.11	
	Energy Grade				Energy Grade (C) 6.70 (A++)		Energy Grade (C) 6.50 (A++)		Energy Grade (C) 6.30 (A++)		Energy Grade (C) 6.20 (A++)		Energy Grade (C) 6.10 (A++)	
Piping Connections					Energy Grade (H) 4.00 (A++)		Energy Grade (H) 4.00 (A++)		Energy Grade (H) 3.80 (A)		Energy Grade (H) 3.80 (A)		Energy Grade (H) 3.80 (A)	
	Liquid Pipe	Φ, mm			6.35		6.35		6.35		6.35		6.35	
		Φ, inch			1/4"		1/4"		1/4"		1/4"		1/4"	
	Gas Pipe	Φ, mm			9.52		9.52		12.70		15.88		15.88	
		Φ, inch			3/8"		3/8"		1/2"		5/8"		5/8"	
	Installation Limitation	Max. Length (Outdoor to indoor)			20(25)		20(25)		30(35)		50(55)		50(55)	
Field Wiring	Max. Height (Between ID/OD)			15(15)		15(15)		20(20)		30(30)		30(30)		
	Power Source Wire			2.5		2.5		2.5		2.5		2.5		
Refrigerant	Transmission Cable			0.75 ~ 1.25		0.75 ~ 1.25		0.75 ~ 1.25		0.75 ~ 1.25		0.75 ~ 1.25		
	Type			R410A		R410A		R410A		R410A		R410A		
	Control Method			-		-		-		-		-		
	Factory Charging			kg		0.95		0.95		1.40		1.80		
INDOOR UNIT														
Power Supply	Φ, #, V, Hz				1,2,220-240,50		1,2,220-240,50		1,2,220-240,50		1,2,220-240,50		1,2,220-240,50	
	Type					Turbo Fan		Turbo Fan		Turbo Fan		Turbo Fan		
	Motor					65.00		65.00		65.00		65.00		
	Number of Unit					1.00		1.00		1.00		1.00		
	Air Flow Rate	High / Mid / Low			CMM		8.50/7.50/6.50		9.50/8.00/6.50		12.00/10.50/9.00		11.50/10.50/9.50	
	External Static Pressure	Min / Std / Max			l/s		141.67/125.00/108.33		158.33/133.33/108.33		200.00/175.00/150.00		183.33/166.67/150.00	
Drain	Drain Pipe					mmAq		-		-		-		
	Sound Pressure	High / Mid / Low			Pa		-		-		-		-	
External Dimension	Net Weight					VP25 (OD 32,ID 25)		VP25 (OD 32,ID 25)		VP25 (OD 32,ID 25)		VP25 (OD 32,ID 25)		
	Shipping Weight					Φ,mm		VP25 (OD 32,ID 25)		VP25 (OD 32,ID 25)		VP25 (OD 32,ID 25)		
	Net Dimensions (WxHxD)					33.00/31.0/27.0		35.00/33.0/29.0		39.00/37.0/34.0		41.00/38.0/35.0		
	Shipping Dimensions (WxHxD)					kg		11.00		11.70		12.00		
	Panel model					kg		13.00		13.70		14.00		
	Panel Net Weight					mm		575 x 250 x 575		575 x 250 x 575		575 x 250 x 575		
Panel Size	Shipping Weight					623 x 298 x 653		623 x 298 x 653		623 x 298 x 653		623 x 298 x 653		
	Net Dimensions (WxHxD)					mm		623 x 298 x 653		623 x 298 x 653		623 x 298 x 653		
	Shipping Dimensions (WxHxD)					PC4SUSMB		PC4SUSMB		PC4SUSMB		PC4SUSMB		
	Panel Net Weight					kg		2.70		2.70		2.70		
Additional Accessories	Shipping Weight					kg		4.20		4.20		4.20		
	Net Dimensions (WxHxD)					mm		670 x 45 x 670		670 x 45 x 670		670 x 45 x 670		
	Shipping Dimensions (WxHxD)					mm		714 x 106 x 724		714 x 106 x 724		714 x 106 x 724		
	Drain pump					mm / liter/h		-		-		-		
	Max. lifting Height / Displacement					-		-		-		-		
	Air Filter					-		-		-		-		
OUTDOOR UNIT														
Power Supply	Φ, #, V, Hz				1,2,220-240,50		1,2,220-240,50		1,2,220-240,50		1,2,220-240,50		1,2,220-240,50	
	Type					Single BLDC Rotary		Single BLDC Rotary		Twin BLDC Rotary		Twin BLDC Rotary		
	Model					UG4C090LUDJR		UG4C090LUDJR		UG4T150FUDJQ		UG4T200FUA4SG		
	Output					kW		0.86		1.37		1.79		
	Oil					-		POE		POE		POE		
Fan	Initial Charge					cc		320.00		650.00		650.00		
	Air Flow Rate	Cooling			CMM		29.00		30.00		50.00		52.00	
Sound	Sound Pressure	Cooling / Heating			l/s		483.33		500.00		833.33		866.67	
	Net Weight					dB(A)		46.0 / 47.0		47.0 / 48.0		48.0 / 49.0		
	Shipping Weight					kg		33.00		38.50		55.00		
	Net Dimensions (WxHxD)					kg		37.00		42.50		59.00		
	Shipping Dimensions (WxHxD)					mm		790 x 548 x 285		790 x 548 x 285		880 x 798 x 310		
	Operating Temp. Range	Cooling					mm		926 x 655 x 382		926 x 655 x 382		1023 x 891 x 413	
	Heating					°C		-10~46		-10~46		-15~46		
						°C		-15~24		-15~24		-20~24		

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Optional Accessories





Specification - Indoor Units

Slim 1Way Cassette



- Slim and Compact Design
- Quiet Operation
- No Overflowing Drain Water



Indoor Unit		AC026FB1DEH/EU		AC035FB1DEH/EU		
Outdoor Unit		AC026FCADH/EU		AC035FCADH/EU		
Model Name						
Mode	-			HEAT PUMP		
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW	0.98/2.60/3.50	0.98/3.50/4.10		
		Btu/h	3,300/8,900/11,900	3,300/11,900/14,000		
	Heating (Min. / Std. / Max.)	kW	0.95/3.30/4.60	0.95/4.00/4.75		
		Btu/h	3,200/11,300/15,700	3,200/13,600/16,200		
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW	0.25/0.74/1.12	0.25/1.16/1.42	
			Heating (Min. / Std. / Max.)	0.21/0.91/1.30	0.21/1.16/1.39	
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	A	1.60/3.40/5.20	1.60/5.40/6.60	
			Heating (Min. / Std. / Max.)	1.40/4.30/6.40	1.40/5.50/6.80	
	MCA	A	10.30 (MCA)	10.30 (MCA)		
	MFA	A	12.50	12.50		
Energy Efficiency	EER (Nominal Cooling)	-	3.51	3.02		
	COP (Nominal Heating)	-	3.63	3.45		
	Energy Grade	-	Energy Grade (C) 5.60 (A+)	Energy Grade (C) 5.40 (A)		
		-	Energy Grade (H) 3.80 (A)	Energy Grade (H) 3.80 (A)		
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35		
		Φ, inch	1/4"	1/4"		
	Gas Pipe	Φ, mm	9.52	9.52		
		Φ, inch	3/8"	3/8"		
	Installation Limitation	Max. Length (Outdoor to indoor)	m	20(25)	20(25)	
		Max. Height (Between ID/OD)	m	15(15)	15(15)	
Field Wiring	Power Source Wire	-	1.5 ~ 1.5	1.5 ~ 1.5		
Refrigerant	Transmission Cable	-	0.75 ~ 1.25	0.75 ~ 1.25		
	Type	-	R410A	R410A		
	Control Method	-	-	-		
Factory Charging	kg	0.95	0.95	0.95		
INDOOR UNIT						
Power Supply	Φ, #, V, Hz	1,2,220-240,50		1,2,220-240,50		
	Type	-		Crossflow Fan		
	Motor	Output	W	20.00		
			EA	1.00		
	Air Flow Rate	High / Mid / Low	CMM	8.00/7.00/6.00	9.50/8.00/6.50	
			l/s	133.33/116.67/100.00	158.33/133.33/108.33	
	External Static Pressure	Min / Std / Max	mmAq	-	-	
		Pa	-	-		
Drain	Drain Pipe	Φ,mm	VP20 (OD 26,ID 20)	VP20 (OD 26,ID 20)		
Sound	Sound Pressure	High / Mid / Low	dB(A)	30.00/27.5/25.0		
External Dimension	Net Weight	kg	9.90	9.90		
	Shipping Weight	kg	12.50	12.50		
	Net Dimensions (WxHxD)	mm	970 x 135 x 410	970 x 135 x 410		
	Shipping Dimensions (WxHxD)	mm	1173 x 231 x 487	1173 x 231 x 487		
Panel Size	Panel model	-	PSSMA	PSSMA		
	Panel Net Weight	kg	3.10	3.10		
	Shipping Weight	kg	4.50	4.50		
	Net Dimensions (WDHDD)	mm	1180 x 25 x 460	1180 x 25 x 460		
	Shipping Dimensions (WDHDD)	mm	1259 x 144 x 539	1259 x 144 x 539		
Additional Accessories	Drain pump	Drain pump	-	-		
	Max. lifting Height / Displacement	mm / liter/h	-	-		
	Air Filter	-	-	-		
OUTDOOR UNIT						
Power Supply	Φ, #, V, Hz	1,2,220-240,50		1,2,220-240,50		
Compressor	Type	-		Single BLDC Rotary		
	Model	-		UG4C090LUDJR		
	Output	kW	0.86	0.86		
		Type	-	POE	POE	
		Oil	Initial Charge	cc	320.00	320.00
Fan	Air Flow Rate	Cooling	CMM	29.00	30.00	
			l/s	483.33	500.00	
Sound	Sound Pressure	Cooling / Heating	dB(A)	47.0 / 47.0	47.0 / 47.0	
External Dimension	Net Weight	kg	33.00	33.00		
	Shipping Weight	kg	37.00	37.00		
	Net Dimensions (WxHxD)	mm	790 x 548 x 285	790 x 548 x 285		
	Shipping Dimensions (WxHxD)	mm	926 x 655 x 382	926 x 655 x 382		
Operating Temp. Range	Cooling	°C	-10~46	-10~46		
	Heating	°C	-15~24	-15~24		

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Optional Accessories

Individual Controllers



MWR-WE10MWR-WH0*MWR-SH00MR-DH00

Standard Accessories

Panel



PSSMAPC1NUPMA

MSP Duct



- Narrow Width
- Strong and Large Coverage Area
- Silent Operation with the Static Pressure Control
- Easy to Maintain



			Smart Inverter					
Model Name	Indoor Unit		AC052FBMDEH/EU	AC071FBMDEH/EU	AC090FBMDEH/EU	AC100FBMDEH/EU	AC100FBMDEH/EU	AC100FBMDEH/EU
Mode	Outdoor Unit		AC052FCADH/EU	AC071FCADH/EU	AC090FCADH/EU	AC100FCADH/EU	AC100FCADH/EU	AC100FCADH/EU
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW	1.00/5.00/6.00	2.20/7.10/8.00	2.80/9.00/11.50	3.20/10.00/12.00	3.20/10.00/12.00	3.20/10.00/12.00
	Heating (Min. / Std. / Max.)	kW	3.400/17.100/20.500	7.500/24.200/27.300	9.600/30.700/39.200	10.900/34.100/40.900	10.900/34.100/40.900	10.900/34.100/40.900
Power	Cooling (Min. / Std. / Max.)	Btu/h	0.75/6.00/7.20	1.90/8.00/9.00	3.00/10.00/15.50	3.00/11.20/15.50	3.00/11.20/15.50	3.00/11.20/15.50
	Heating (Min. / Std. / Max.)	Btu/h	2.600/20.500/24.600	6.500/27.300/30.700	10.200/34.100/52.900	10.200/38.200/52.900	10.200/38.200/52.900	10.200/38.200/52.900
Energy Efficiency	Power Input (Nominal)	kW	0.43/1.56/2.20	0.35/2.21/4.00	0.82/2.80/3.80	0.88/3.22/5.00	0.88/3.22/5.00	0.88/3.22/5.00
	Heating (Min. / Std. / Max.)	kW	0.33/1.66/2.30	0.35/2.22/4.00	0.80/2.77/5.20	0.71/3.10/5.50	0.71/3.10/5.50	0.71/3.10/5.50
	Current Input (Nominal)	A	2.20/7.50/10.00	2.00/10.50/21.00	4.00/13.00/16.50	4.00/15.20/21.00	4.00/15.20/21.00	4.00/15.20/21.00
	Heating (Min. / Std. / Max.)	A	1.90/7.80/10.00	2.00/10.50/21.00	3.30/12.50/24.00	3.30/13.50/24.00	3.30/13.50/24.00	3.30/13.50/24.00
Energy Efficiency	MCA	A	10.80 (MCA)	20.30 (MCA)	24.70 (MCA)	24.70 (MCA)	24.70 (MCA)	24.70 (MCA)
	MFA	A	13.13	25.00	30.00	30.00	30.00	30.00
	EER (Nominal Cooling)	-	3.21	3.21	3.21	3.11	3.11	3.11
	COP (Nominal Heating)	-	3.61	3.60	3.61	3.61	3.61	3.61
Piping Connections	Energy Grade	-	Energy Grade (C) 5.6(A+)	Energy Grade (C) 5.7(A+)	Energy Grade (C) 5.4(A)	Energy Grade (C) 5.2(A)	Energy Grade (C) 5.2(A)	Energy Grade (C) 5.1(A)
	Liquid Pipe	Φ, mm	6.35	6.35	9.52	9.52	9.52	9.52
	Gas Pipe	Φ, inch	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"
	Gas Pipe	Φ, mm	12.70	15.88	15.88	15.88	15.88	15.88
Field Wiring	Installation Limitation	Max. Length (Outdoor to indoor)	30(35)	50(55)	50(55)	50(55)	50(55)	50(55)
	Transmission Cable	Max. Height (Between ID/OD)	20(20)	30(30)	30(30)	30(30)	30(30)	30(30)
	Power Source Wire	-	2.5 ~ 4.0	2.5 ~ 4.0	2.5 ~ 4.0	2.5 ~ 4.0	2.5 ~ 4.0	2.5 ~ 4.0
	Refrigerant	-	0.75 ~ 1.25	0.75 ~ 1.0	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	R410A
	Control Method	-	-	-	-	-	-	-
	Factory Charging	kg	1.40	1.80	3.00	3.00	3.00	3.10
INDOOR UNIT								
Power Supply	Type	Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Motor	-	Sirocco Fan	Turbo Fan/BLDC	Sirocco Fan/BLDC	Sirocco Fan/BLDC	Sirocco Fan/BLDC	Sirocco Fan/BLDC
	Number of Unit	W	-	-	-	-	-	-
	Air Flow Rate	EA	1.00	1.00	1.00	1.00	1.00	1.00
External Static Pressure	High / Mid / Low	CMM	20.00/18.00/15.50	22.00/20.00/17.50	33.00/31.00/28.00	33.00/31.00/28.00	33.00/31.00/28.00	33.00/31.00/28.00
	External Static Pressure	l/s	333.33/300.00/258.33	366.67/333.33/291.67	550.00/516.67/466.67	550.00/516.67/466.67	550.00/516.67/466.67	550.00/516.67/466.67
	External Static Pressure	mmAq	0.00/2.50/8.00	0.00/4.00/10.00	0.00/4.00/10.00	0.00/4.00/10.00	0.00/4.00/10.00	0.00/4.00/10.00
	External Static Pressure	Pa	0.00/24.52/78.45	0.00/39.23/98.07	0.00/39.23/98.07	0.00/39.23/98.07	0.00/39.23/98.07	0.00/39.23/98.07
Drain	Sound Pressure	High / Mid / Low	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
	Sound Pressure	dB(A)	37.00/35.5/33.0	39.00/37.0/35.0	39.00/37.0/35.0	39.00/37.0/35.0	39.00/37.0/35.0	39.00/37.0/35.0
	Net Weight	kg	29.50	33.00	37.00	37.00	37.00	37.00
	Shipping Weight	kg	34.50	40.00	43.00	43.00	43.00	43.00
Panel Size	Net Dimensions (WxHxD)	mm	900 x 260 x 480	1150 x 260 x 480	1150 x 320 x 480	1150 x 320 x 480	1150 x 320 x 480	1150 x 320 x 480
	Shipping Dimensions (WxHxD)	mm	1170 x 340 x 595	1420 x 340 x 595	1420 x 340 x 595	1420 x 340 x 595	1420 x 340 x 595	1420 x 340 x 595
	Panel model	-	-	-	-	-	-	-
	Panel Net Weight	kg	-	-	-	-	-	-
Additional Accessories	Shipping Weight	kg	-	-	-	-	-	-
	Net Dimensions (WxHxD)	mm	-	-	-	-	-	-
	Shipping Dimensions (WxHxD)	mm	-	-	-	-	-	-
	Shipping Dimensions (WxHxD)	mm	-	-	-	-	-	-
Outdoor Unit	Drain pump	Drain pump	MDP-M07SSGU1	MDP-M07SSGU1	MDP-M07SSGU1	MDP-M07SSGU1	MDP-M07SSGU1	MDP-M07SSGU1
	Max. lifting Height / Displacement	mm / liter/h	-	-	-	-	-	-
	Air Filter	-	-	-	-	-	-	-
OUTDOOR UNIT								
Power Supply	Type	Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	3,4,380-415,50
	Compressor	-	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
	Model	-	UG4T150FUDJQ	UG4T200FUA4SG	UG8T300FUBJUSG	UG8T300FUBJUSG	UG8T300FUBJUSG	UG5T450FUBJUSG
	Output	kW	1.37	1.79	2.82	2.82	2.82	4.12
Fan	Oil	-	POE	POE	POE	POE	POE	POE
	Initial Charge	cc	650.00	650.00	1200.00	1200.00	1200.00	1700.00
	Air Flow Rate	CMM	33.00	52.00	63.50	63.50	63.50	63.50
	Sound Pressure	l/s	550.00	866.67	1,058.33	1,058.33	1,058.33	1,058.33
External Dimension	Sound Pressure	Cooling / Heating	49.0 / 49.0	49.0 / 51.0	51.0 / 52.0	52.0 / 53.0	52.0 / 53.0	52.0 / 53.0
	Net Weight	kg	38.50	55.00	72.00	72.00	72.00	81.00
	Shipping Weight	kg	42.50	59.00	77.00	77.00	77.00	86.00
	Net Dimensions (WxHxD)	mm	790 x 548 x 285	880 x 798 x 310	940 x 998 x 330	940 x 998 x 330	940 x 998 x 330	940 x 998 x 330
Operating Temp. Range	Shipping Dimensions (WxHxD)	mm	926 x 655 x 382	1023 x 891 x 413	995 x 1096 x 426	995 x 1096 x 426	995 x 1096 x 426	995 x 1096 x 426
	Cooling	°C	-15~46	-15~50	-15~50	-15~50	-15~50	-15~50
	Heating	°C	-15~24	-20~24	-20~24	-20~24	-20~24	-20~24

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Optional Accessories

Individual Controllers



MVR-WE10 MVR-WH0* MVR-SH00 MR-DH00 MRK-A00 MRW-10A

Drain Pump



MDP-M07SSGU1
MDP-M07SSGU2
MDP-M07SSGU3

Standard Accessories





Specification - Indoor Units

MSP Duct



- Narrow Width
- Strong and Large Coverage Area
- Silent Operation with the Static Pressure Control
- Easy to Maintain



			Smart Inverter				
Model Name	Indoor Unit	Outdoor Unit	NS12SDXEA	NS12SDXEA	NS140SDXEA	NS140SDXEA	AC052FBMSEH/EU
Mode			RC12SDHXEB	RC12SDHXGA	RC140DHXEB	RC140DHXGA	AC052FCASEH/EU
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW	3.45/12.50/14.00	3.45/12.50/14.00	3.45/14.00/15.40	3.45/14.00/15.40	1.10/5.00/5.90
	Heating (Min. / Std. / Max.)	kW	11.800/42.700/47.800	11.800/42.700/47.800	11.800/47.800/52.500	11.800/47.800/52.500	3.800/17.100/20.100
		Btu/h	4.10/14.00/18.00	4.10/14.00/18.00	3.75/16.00/18.50	3.75/16.00/18.50	1.00/5.50/6.70
Power	Power Input (Nominal)	kW	1.25/3.89/5.30	1.25/3.89/5.30	1.25/4.65/5.70	1.25/4.65/5.70	0.39/1.84/2.05
	Heating (Min. / Std. / Max.)	kW	0.98/3.88/5.60	0.98/3.88/5.60	1.00/4.43/5.80	1.00/4.43/5.80	0.29/1.66/2.60
	Current Input (Nominal)	A	5.70/18.00/24.30	5.70/18.00/24.30	5.70/21.30/26.10	5.70/21.30/26.10	2.10/8.50/9.50
	Heating (Min. / Std. / Max.)	A	4.50/18.00/25.60	4.50/18.00/25.60	4.50/20.30/26.50	4.50/20.30/26.50	1.80/7.90/9.30
	MCA	A	26.00 (MCA)	14.00 (MCA)	26.00 (MCA)	14.00 (MCA)	12.15 (MCA)
	MFA	A	30.00	15.40	30.00	15.40	13.40
Energy Efficiency	EER (Nominal Cooling)	-	3.21	3.21	3.01	3.01	2.72
	COP (Nominal Heating)	-	3.61	3.61	3.61	3.61	3.31
	Energy Grade	-	Energy Grade (C) A	Energy Grade (C) A	Energy Grade (C) B	Energy Grade (C) B	Energy Grade (C) 4.1 (C)
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	9.52	9.52	6.35
	Gas Pipe	Φ, inch	3/8"	3/8"	3/8"	3/8"	1/4"
	Gas Pipe	Φ, mm	15.88	15.88	19.05	19.05	12.70
	Installation Limitation	Max. Length (Outdoor to indoor)	75(75)	75(75)	75(75)	75(75)	30(35)
	Max. Height (Between ID/OD)	m	30(30)	30(30)	30(30)	30(30)	20(20)
Field Wiring	Power Source Wire	-	2.5 ~ 4.0	1.5 ~ 2.5	2.5 ~ 4.0	2.5 ~ 4.0	2.5 ~ 4.0
	Transmission Cable	-	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A
	Control Method	-	-	-	-	-	-
	Factory Charging	kg	2.90	2.90	3.40	3.40	1.30
INDOOR UNIT							
Power Supply	Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Type			Turbo Fan/BLDC	Turbo Fan/BLDC	Turbo Fan/BLDC	Turbo Fan/BLDC	Sirocco Fan
Motor	Output	W	-	-	-	-	-
Number of Unit		EA	1.00	1.00	1.00	1.00	1.00
Air Flow Rate	High / Mid / Low	CMM	42.00/38.50/35.00	42.00/38.50/35.00	43.00/39.00/35.00	43.00/39.00/35.00	14.50/13.00/11.50
External Static Pressure	Min / Std / Max	mmAq	700.00/641.67/583.33	700.00/641.67/583.33	716.67/650.00/583.33	716.67/650.00/583.33	241.67/216.67/191.67
		Pa	0.00/6.00/14.00	0.00/6.00/14.00	0.00/6.00/14.00	0.00/6.00/14.00	0.00/3.00/6.00
Drain	Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
Sound	Sound Pressure	dB(A)	43.00/40.5/38.0	43.00/40.5/38.0	43.00/40.5/38.0	43.00/40.5/38.0	37.00/35.5/33.0
External Dimension	Net Weight	kg	55.00	55.00	55.00	55.00	29.00
	Shipping Weight	kg	60.00	60.00	60.00	60.00	34.00
	Net Dimensions (WxHxD)	mm	1200 x 360 x 650	1200 x 360 x 650	1200 x 360 x 650	1200 x 360 x 650	900 x 260 x 480
	Shipping Dimensions (WxHxD)	mm	1447 x 425 x 769	1447 x 425 x 769	1447 x 425 x 769	1447 x 425 x 769	1146 x 363 x 584
Panel Size	Panel model	-	-	-	-	-	-
	Panel Net Weight	kg	-	-	-	-	-
	Shipping Weight	kg	-	-	-	-	-
	Net Dimensions (WDHxD)	mm	-	-	-	-	-
	Shipping Dimensions (WDHxD)	mm	-	-	-	-	-
Additional Accessories	Drain pump	Max. lifting Height / Displacement	MDP-M07SSGU2	MDP-M07SSGU2	MDP-M07SSGU2	MDP-M07SSGU2	MDP-M07SSGU1
	Air Filter	-	-	-	-	-	-
OUTDOOR UNIT							
Power Supply	Φ, #, V, Hz		1,2,220-240,50	3,4,380-415,50	1,2,220-240,50	3,4,380-415,50	1,2,220-240,50
Compressor	Type	-	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
	Model	-	UG5T450FUEJXSG	UG5T450FUEJXSG	UG5T450FUEJXSG	UG5T450FUEJXSG	UG4T150FUDJQ
	Output	kW	4.12	4.12	4.12	4.12	1.37
	Type	-	POE	POE	POE	POE	POE
	Initial Charge	cc	1700.00	1700.00	1700.00	1700.00	650.00
Fan	Air Flow Rate	Cooling	90.50	90.50	90.50	90.50	37.00
		Heating	1,508.33	1,508.33	1,508.33	1,508.33	616.67
Sound	Sound Pressure	dB(A)	51.0 / 52.0	51.0 / 52.0	52.0 / 54.0	52.0 / 54.0	49.0 / 49.0
External Dimension	Net Weight	kg	88.00	91.00	88.00	91.00	36.00
	Shipping Weight	kg	98.00	101.00	98.00	101.00	40.00
	Net Dimensions (WxHxD)	mm	940 x 1210 x 330	940 x 1210 x 330	940 x 1210 x 330	940 x 1210 x 330	790 x 548 x 285
	Shipping Dimensions (WxHxD)	mm	995 x 1338 x 426	995 x 1338 x 426	995 x 1338 x 426	995 x 1338 x 426	926 x 655 x 382
Operating Temp. Range	Cooling	°C	-15~50	-15~50	-15~50	-15~50	-5~43
	Heating	°C	-20~24	-20~24	-20~24	-20~24	-15~24

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Optional Accessories

Individual Controllers

MWR-WE10

MWR-WH0*

MWR-SH00

MR-DH00

MRK-A00

MRW-10A

Drain Pump

MDP-M07SSGU1

MDP-M07SSGU2

MDP-M07SSGU3

Standard Accessories





Specification - Indoor Units

MSP Duct



- Narrow Width
- Strong and Large Coverage Area
- Silent Operation with the Static Pressure Control
- Easy to Maintain



				R - Inverter					
Model Name		Indoor Unit		AC071FBMSEH/EU		AC090FBMSEH/EU		AC100FBMSEH/EU	
		Outdoor Unit		AC071FCASEH/EU		AC090FCASEH/EU		AC100FCASEH/EU	
Mode		-		HEAT PUMP		HEAT PUMP		HEAT PUMP	
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW		1.60/7.00/8.00		2.80/9.00/10.00		2.80/10.00/11.50	
		Btu/h		5,500/23,900/27,300		9,600/30,700/34,100		9,600/34,100/39,200	
	Heating (Min. / Std. / Max.)	kW		1.40/7.70/8.20		3.00/9.50/13.00		3.00/11.20/15.50	
		Btu/h		4,800/26,300/28,000		10,200/32,400/44,400		10,200/38,200/52,900	
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW	0.55/2.79/2.92		0.82/3.20/4.50		0.82/3.99/4.50	
		Heating (Min. / Std. / Max.)		0.50/2.40/2.85		0.80/2.87/5.00		0.80/3.72/5.50	
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	A	2.70/14.50/14.80		3.80/14.00/19.50		3.80/16.00/19.50	
		Heating (Min. / Std. / Max.)		2.50/13.50/13.80		2.80/13.00/24.00		2.80/15.00/24.00	
	MCA		A	21.65 (MCA)		23.50 (MCA)		25.00 (MCA)	
Energy Efficiency	MFA		A	25.00		27.50		30.00	
	EER (Nominal Cooling)		-	2.51		2.81		2.51	
	COP (Nominal Heating)		-	3.21		3.31		3.01	
	Energy Grade		-	Energy Grade (C) 4.1(C)		Energy Grade (C) 4.3(C)		Energy Grade (C) 4.3(C)	
			-	Energy Grade (H) 3.4(A)		Energy Grade (H) 3.4(A)		Energy Grade (H) 3.4(A)	
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35		9.52		9.52	
		Φ, inch	1/4"	1/4"		3/8"		3/8"	
	Gas Pipe	Φ, mm	15.88	15.88		15.88		15.88	
		Φ, inch	5/8"	5/8"		5/8"		5/8"	
	Installation Limitation	Max. Length (Outdoor to indoor)	m	30(35)		50(55)		50(55)	
		Max. Height (Between ID/OD)	m	20(20)		30(30)		30(30)	
Field Wiring	Power Source Wire		-	2.5 ~ 4.0		2.5 ~ 4.0		2.5 ~ 4.0	
	Transmission Cable		-	0.75 ~ 1.0		0.75 ~ 1.25		0.75 ~ 1.25	
Refrigerant	Type		-	R410A		R410A		R410A	
	Control Method		-	-		-		-	
Factory Charging		kg		1.80		3.00		3.00	
INDOOR UNIT									
Power Supply		Φ, #, V, Hz		1,2,220-240,50		1,2,220-240,50		1,2,220-240,50	
	Type		-	Sirocco Fan		Sirocco Fan		Sirocco Fan	
	Motor	Output	W	-		-		-	
	Number of Unit		EA	1.00		1.00		1.00	
	Air Flow Rate	High / Mid / Low	CMM	21.50/19.70/18.00		24.00/22.00/20.00		24.00/22.00/20.00	
			l/s	358.33/328.33/300.00		400.00/366.67/333.33		400.00/366.67/333.33	
	External Static Pressure	Min / Std / Max	mmAq	0.00/3.00/6.00		0.00/4.00/8.00		0.00/4.00/8.00	
			Pa	0.00/29.42/58.84		0.00/39.23/78.45		0.00/39.23/78.45	
Drain	Drain Pipe		Φ, mm	VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)	
Sound	Sound Pressure	High / Mid / Low	dB(A)	38.00/36.0/34.0		39.00/37.0/35.0		40.00/37.0/35.0	
External Dimension	Net Weight		kg	29.00		34.00		55.00	
	Shipping Weight		kg	34.00		40.00		60.00	
	Net Dimensions (WxHxD)		mm	900 x 260 x 480		1150 x 260 x 480		1150 x 260 x 480	
	Shipping Dimensions (WxHxD)		mm	1146 x 363 x 584		1405 x 354 x 593		1405 x 354 x 593	
Panel Size	Panel model		-	-		-		-	
	Panel Net Weight		kg	-		-		-	
	Shipping Weight		kg	-		-		-	
	Net Dimensions (WDHDD)		mm	-		-		-	
	Shipping Dimensions (WDHDD)		mm	-		-		-	
Additional Accessories	Drain pump	Drain pump		MDP-M075SGU1		MDP-M075SGU1		MDP-M075SGU1	
	Air Filter	Max. lifting Height / Displacement	mm / liter/h	-		-		-	
			-	-		-		-	
OUTDOOR UNIT									
Power Supply		Φ, #, V, Hz		1,2,220-240,50		1,2,220-240,50		1,2,220-240,50	
Compressor	Type		-	Twin BLDC Rotary		Twin BLDC Rotary		Twin BLDC Rotary	
	Model		-	UG4T200FUAE4SG		UG8T300FUBJUSG		UG8T300FUBJUSG	
	Output		kW	1.79		2.82		2.82	
	Oil	Type	-	POE		POE		POE	
Fan	Initial Charge	cc		650.00		1200.00		1200.00	
	Air Flow Rate	Cooling	CMM	52.00		68.00		68.00	
			l/s	866.67		1,133.33		1,133.33	
		Sound Pressure	Cooling / Heating	dB(A)	52.0 / 52.0		52.0 / 53.0		52.0 / 53.0
External Dimension	Net Weight		kg	47.00		72.00		72.00	
	Shipping Weight		kg	52.00		77.00		77.00	
	Net Dimensions (WxHxD)		mm	880 x 638 x 310		940 x 998 x 330		940 x 998 x 330	
	Shipping Dimensions (WxHxD)		mm	1024 x 750 x 414		995 x 1096 x 426		995 x 1096 x 426	
Operating Temp. Range	Cooling		°C	-5~43		-15~50		-15~50	
	Heating		°C	-20~24		-20~24		-20~24	

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Optional Accessories

Individual Controllers

MWR-WE10

MWR-WH0*

MWR-SH00

MR-DH00

MRK-A00

MRW-10A

Drain Pump

MDP-M07SSGU1
MDP-M07SSGU2
MDP-M07SSGU3

Standard Accessories



Slim Duct



- Flexible Installation
- Easier Drain Pump Installation
- Slim Design
- Easy to Maintain



Model Name		Indoor Unit		AC035FBLDEH/EU		AC052FBLDEH/EU		AC071FBLDEH/EU	
		Outdoor Unit		AC035FCADEH/EU		AC052FCADEH/EU		AC071FCADEH/EU	
Mode			-	HEAT PUMP		HEAT PUMP		HEAT PUMP	
	Cooling (Min. / Std. / Max.)		kW	0.95/3.50/4.00		1.20/5.00/6.00		2.20/7.10/8.00	
Capacity (Nominal)			Btu/h	3,200/11,900/13,600		4,100/17,100/20,500		7,500/24,200/27,300	
	Heating (Min. / Std. / Max.)		kW	0.72/4.00/4.60		0.70/6.00/7.00		1.90/8.00/9.00	
			Btu/h	2,500/13,600/15,700		2,400/20,500/23,900		6,500/27,300/30,700	
	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW	0.21/1.25/1.45		0.23/1.66/2.20		0.35/2.21/4.00	
Current Input (Nominal)		Heating (Min. / Std. / Max.)	A	0.18/1.17/1.40		0.28/1.66/2.20		0.35/2.32/4.00	
		Cooling (Min. / Std. / Max.)	A	1.60/6.00/6.60		1.30/8.00/9.80		2.00/10.50/21.00	
MCA		Heating (Min. / Std. / Max.)	A	1.20/5.70/6.60		1.60/7.90/10.00		2.00/10.50/21.00	
			A	10.30 (MCA)		10.80 (MCA)		20.30 (MCA)	
MFA			A	12.50		13.13		25.00	
	EER (Nominal Cooling)		-	2.81		3.01		3.21	
COP (Nominal Heating)			-	3.41		3.61		3.45	
	Energy Grade		-	Energy Grade (C) 5.30 (A)		Energy Grade (C) 5.1(A)		Energy Grade (C) 5.4(A)	
			-	Energy Grade (H) 3.40 (A)		Energy Grade (H) 3.6(A)		Energy Grade (H) 3.6(A)	
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35		6.35		6.35	
		Φ, inch	1/4"	1/4"		1/4"		1/4"	
Gas Pipe		Φ, mm	9.52	12.70		15.88		15.88	
		Φ, inch	3/8"	1/2"		5/8"		5/8"	
Installation Limitation	Max. Length (Outdoor to indoor)	m	20(25)	30(35)		50(55)		50(55)	
	Max. Height (Between ID/OD)	m	15(15)	20(20)		30(30)		30(30)	
Field Wiring	Power Source Wire	-	1.5	2.0		2.5		2.5	
	Transmission Cable	-	0.75 ~ 1.25	0.75 ~ 1.25		0.75 ~ 1.25		0.75 ~ 1.25	
Refrigerant	Type	-	R410A	R410A		R410A		R410A	
	Control Method	-	-	-		-		-	
Factory Charging		kg	0.95	1.40		1.30		1.30	
INDOOR UNIT									
Power Supply	Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50		1,2,220-240,50		1,2,220-240,50	
	Type	-	Sirocco Fan	Sirocco Fan		Turbo Fan/BLDC		Turbo Fan/BLDC	
Motor	Output	W	-	-		-		-	
	Number of Unit	EA	1.00	1.00		1.00		1.00	
Air Flow Rate	High / Mid / Low	CMM	10.00/9.00/8.00	13.50/12.50/11.00		19.00/17.00/15.00		19.00/17.00/15.00	
		l/s	166.67/150.00/133.33	225.00/208.33/183.33		316.67/283.33/250.00		316.67/283.33/250.00	
External Static Pressure	Min / Std / Max	mmAq	0.00/2.50/4.00	0.00/2.00/4.00		0.00/2.50/4.00		0.00/2.50/4.00	
		Pa	0.00/24.52/39.23	0.00/19.61/39.23		0.00/24.52/39.23		0.00/24.52/39.23	
Drain	Drain Pipe	Φ,mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)		VP25 (OD 32, ID 25)	
Sound	Sound Pressure	dB(A)	32.00/29.5/27.0	33.00/31.5/30.0		36.00/34.0/32.0		36.00/34.0/32.0	
	Net Weight	kg	26.00	31.00		34.00		34.00	
External Dimension	Shipping Weight	kg	31.00	39.00		40.00		40.00	
	Net Dimensions (WxHxD)	mm	900 x 199 x 600	1100 x 199 x 600		1100 x 199 x 600		1100 x 199 x 600	
Shipping Dimensions (WxHxD)		mm	1150 x 280 x 710	1350 x 280 x 710		1350 x 280 x 710		1350 x 280 x 710	
	Panel model	-	-	-		-		-	
Panel Net Weight		kg	-	-		-		-	
	Shipping Weight	kg	-	-		-		-	
Net Dimensions (WDHDD)		mm	-	-		-		-	
	Shipping Dimensions (WDHDD)	mm	-	-		-		-	
Additional Accessories	Drain pump	-	MDP-E075SEE3	MDP-E075SEE3		MDP-E075SEE3		MDP-E075SEE3	
	Max. lifting Height / Displacement	mm / liter/h	-	-		-		-	
Air Filter		-	-	-		-		-	
OUTDOOR UNIT									
Power Supply	Φ, #, V, Hz		1,2,220-240,50	1,2,220-240,50		1,2,220-240,50		1,2,220-240,50	
	Type	-	Single BLDC Rotary	Twin BLDC Rotary		Twin BLDC Rotary		Twin BLDC Rotary	
Model		-	UG4C090LUDJR	UG4T150FUDJQ		UG4T200FUA4SG		UG4T200FUA4SG	
	Output	kW	0.86	1.37		1.79		1.79	
Oil		cc	320.00	650.00		650.00		650.00	
	Initial Charge	cc	30.00	33.00		52.00		52.00	
Fan	Air Flow Rate	CMM	500.00	550.00		866.67		866.67	
	Cooling / Heating	dB(A)	47.0 / 47.0	48.0 / 49.0		49.0 / 51.0		49.0 / 51.0	
Sound	Sound Pressure	dB(A)	47.0 / 47.0	48.0 / 49.0		49.0 / 51.0		49.0 / 51.0	
	Net Weight	kg	33.00	38.50		55.00		55.00	
External Dimension	Shipping Weight	kg	37.00	42.50		59.00		59.00	
	Net Dimensions (WxHxD)	mm	790 x 548 x 285	790 x 548 x 285		880 x 798 x 310		880 x 798 x 310	
Shipping Dimensions (WxHxD)		mm	926 x 655 x 382	926 x 655 x 382		1023 x 891 x 413		1023 x 891 x 413	
	Cooling	°C	-10~46	-10~46		-15~50		-15~50	
Operating Temp. Range	Heating	°C	-15~24	-15~24		-20~24		-20~24	

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Optional Accessories

Individual Controllers

MWR-WE10 MWR-WH0* MWR-SH00 MR-DH00 MRK-A00 MRW-10A

Drain Pump

MDP-E075SEE3

Standard Accessories

Individual Controllers



Specification - Indoor Units

P Series (Maldives)



Model Name			Indoor Unit	AC026FBRDEH/EU	AC035FBRDEH/EU	AC052FBRDEH/EU	AC071FBRDEH/EU
Outdoor Unit			AC026FCADH/EU	AC035FCADH/EU	AC052FCADH/EU	AC060FCADH/EU	
Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
	Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW	1.20/2.60/3.50	1.20/3.50/3.70	1.90/5.00/6.05	2.20/7.10/8.00
			Btu/h	4,100/8,900/11,900	4,100/11,900/12,600	6,500/17,100/20,600	7,500/24,200/27,300
		Heating (Min. / Std. / Max.)	kW	0.95/3.50/4.20	1.04/4.00/4.40	1.50/6.00/6.25	1.90/8.00/9.00
			Btu/h	3,200/11,900/14,300	3,500/13,600/15,000	5,100/20,500/21,300	6,500/27,300/30,700
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW	0.24/0.65/1.50	0.25/1.09/1.50	0.40/1.61/2.20	0.35/2.36/4.00
		Heating (Min. / Std. / Max.)		0.20/0.97/1.15	0.21/1.17/1.40	0.34/1.76/3.15	0.35/2.85/4.00
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	A	1.60/3.40/7.00	1.60/5.10/7.00	2.60/7.20/9.80	2.00/10.50/21.00
		Heating (Min. / Std. / Max.)		1.30/5.00/5.40	1.30/5.80/6.50	2.30/8.30/14.00	2.00/13.00/21.00
	MCA		A	10.30 (MCA)	10.30 (MCA)	10.80 (MCA)	20.30 (MCA)
	MFA		A	12.50	12.50	13.13	25.00
Energy Efficiency	EER (Nominal Cooling)		-	4.00	3.21	3.11	3.01
	COP (Nominal Heating)		-	3.61	3.42	3.41	2.81
	Energy Grade		-	Energy Grade (C) 5.9 (A++)	Energy Grade (C) 5.6 (A+)	Energy Grade (C) 6.20 (A++)	Energy Grade (C) 6.00 (A+)
Piping Connections	Liquid Pipe		-	Energy Grade (H) 3.9 (A)	Energy Grade (H) 3.9 (A)	Energy Grade (H) 3.80 (A)	Energy Grade (H) 3.80 (A)
		Φ, mm	6.35	6.35	6.35	6.35	
	Gas Pipe		Φ, inch	1/4"	1/4"	1/4"	1/4"
		Φ, mm	9.52	9.52	12.70	15.88	
			Φ, inch	3/8"	3/8"	1/2"	5/8"
		Installation Limitation	Max. Length (Outdoor to indoor)	m	20(25)	20(25)	30(35)
Field Wiring	Power Source Wire	Max. Height (Between ID/OD)	m	15(15)	15(15)	20(20)	30(30)
	Transmission Cable		-	1.5 ~ 2.5	1.5 ~ 2.5	2.0	2.5 ~ 4.0
Refrigerant	Type		-	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25	0.75 ~ 1.25
	Control Method		-	R410A	R410A	R410A	R410A
	Factory Charging		-	-	-	-	-
			kg	0.95	0.95	1.40	1.80
INDOOR UNIT							
Power Supply	Φ, #, V, Hz			1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Type		-	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan
	Motor	Output	W	35.00	35.00	27.00	27.00
	Number of Unit		EA	1.00	1.00	1.00	1.00
	Air Flow Rate	High / Mid / Low	CMM	10.50/9.50/8.00	8.00/7.00/6.00	15.00/13.20/11.50	15.00/13.40/11.80
			l/s	175.00/158.33/133.33	133.33/116.67/100.00	250.00/220.00/191.67	250.00/223.33/196.67
	External Static Pressure	Min / Std / Max	mmAq	-	-	-	-
			Pa	-	-	-	-
Drain	Drain Pipe		Φ,mm	VP18 (OD 19,ID 16)	VP18 (OD 19,ID 16)	VP18 (OD 19,ID 16)	VP18 (OD 19,ID 16)
Sound	Sound Pressure	High / Mid / Low	dB(A)	35.00/31.0/24.0	37.00/32.0/25.0	40.00/35.0/30.0	44.00/37.0/31.0
External Dimension	Net Weight		kg	8.20	8.20	11.50	11.50
	Shipping Weight		kg	10.20	10.20	14.50	14.50
	Net Dimensions (WxHxD)		mm	820 x 285 x 205	820 x 285 x 205	1065 x 298 x 230	1065 x 298 x 230
	Shipping Dimensions (WxHxD)		mm	892 x 355 x 263	892 x 355 x 263	1137 x 377 x 299	1137 x 377 x 299
Panel Size	Panel model		-	-	-	-	-
	Panel Net Weight		kg	-	-	-	-
	Shipping Weight		kg	-	-	-	-
	Net Dimensions (WxHxD)		mm	-	-	-	-
	Shipping Dimensions (WxHxD)		mm	-	-	-	-
	Additional Accessories	Drain pump		-	-	-	-
	Drain pump	Max. lifting Height / Displacement	mm / liter/h	-	-	-	-
	Air Filter		-	-	-	-	-
OUTDOOR UNIT							
Power Supply	Φ, #, V, Hz			1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
	Compressor	Type	-	Single BLDC Rotary	Single BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
	Model		-	UG4C090LUDJR	UG4C090LUDJR	UG4T150FUDJQ	UG4T200FUA-E4
	Output		kW	0.86	0.86	1.37	1.79
	Oil	Type	-	POE	POE	POE	POE
		Initial Charge	cc	320.00	320.00	650.00	650.00
Fan	Air Flow Rate	Cooling	CMM	29.00	30.00	33.00	52.00
			l/s	483.33	500.00	550.00	866.67
Sound	Sound Pressure	Cooling / Heating	dB(A)	47.0 / 47.0	47.0 / 47.0	49.0 / 49.0	49.0 / 51.0
External Dimension	Net Weight		kg	33.00	33.00	38.50	55.00
	Shipping Weight		kg	37.00	37.00	42.50	59.00
	Net Dimensions (WxHxD)		mm	790 x 548 x 285	790 x 548 x 285	790 x 548 x 285	880 x 798 x 310
	Shipping Dimensions (WxHxD)		mm	926 x 655 x 382	926 x 655 x 382	1023 x 891 x 413	1023 x 891 x 413
Operating Temp. Range	Cooling		°C	-10~46	-10~46	-10~46	-15~50
	Heating		°C	-15~24	-15~24	-15~24	-20~24

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Optional Accessories


Individual Controllers



MWR-WE10MWR-WH0*MWR-SH00MR-DH00

Standard Accessories

Wireless Remote Controller





Specification - Indoor Units



Console

- Slim & Smart Design
- 2Way Air Outlet
- Silent Operation



Model Name		Indoor Unit		AC026FBJDEH/EU		AC035FBJDEH/EU		AC052FBJDEH/EU	
		Outdoor Unit		AC026FCADEH/EU		AC035FCADEH/EU		AC052FCADEH/EU	
Mode		-		HEAT PUMP		HEAT PUMP		HEAT PUMP	
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	kW		0.98/2.60/3.40		1.20/3.50/3.90		1.90/5.00/5.50	
		Btu/h		3,300/8,900/11,600		4,100/11,900/13,300		6,500/17,100/18,800	
	Heating (Min. / Std. / Max.)	kW		0.95/3.50/4.20		1.04/4.00/4.40		1.50/5.60/6.50	
		Btu/h		3,200/11,900/14,300		3,500/13,600/15,000		5,100/19,100/22,200	
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW	0.23/0.81/1.20		0.25/1.29/1.50		0.25/1.78/2.20	
		Heating (Min. / Std. / Max.)		0.21/1.06/1.30		0.21/1.33/1.40		0.25/1.92/2.50	
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	A	1.60/4.00/5.50		1.60/6.00/7.00		2.60/8.00/10.00	
		Heating (Min. / Std. / Max.)		1.30/5.00/6.50		1.30/6.20/7.20		2.30/8.70/14.00	
	MCA		A	10.30 (MCA)		10.30 (MCA)		10.80 (MCA)	
Energy Efficiency	MFA		A	12.50		12.50		13.13	
	EER (Nominal Cooling)		-	3.21		2.71		2.81	
	COP (Nominal Heating)		-	3.30		3.01		2.92	
	Energy Grade		-	Energy Grade (C) 5.40 (A) Energy Grade (H) 4.00 (A+)		Energy Grade (C) 5.40 (A) Energy Grade (H) 3.90 (A)		Energy Grade (C) 5.40 (A) Energy Grade (H) 3.50 (A)	
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35		6.35		6.35	
		Φ, inch	1/4"	1/4"		1/4"		1/4"	
	Gas Pipe	Φ, mm	9.52	9.52		9.52		12.70	
		Φ, inch	3/8"	3/8"		3/8"		1/2"	
	Installation Limitation	Max. Length (Outdoor to indoor)	m	20(25)		20(25)		30(35)	
		Max. Height (Between ID/OD)	m	15(15)		15(15)		20(20)	
Field Wiring	Power Source Wire		-	1.5 ~ 2.5		1.5 ~ 2.5		2.0	
Refrigerant	Transmission Cable		-	0.75 ~ 1.25		0.75 ~ 1.25		0.75 ~ 1.25	
	Type		-	R410A		R410A		R410A	
	Control Method		-	-		-		-	
	Factory Charging	kg	0.95	0.95		0.95		1.40	
INDOOR UNIT									
Power Supply	Φ, #, V, Hz	1,2,220-240,50		1,2,220-240,50		1,2,220-240,50		1,2,220-240,50	
	Type	-		Turbo Fan/BLDC		Turbo Fan/BLDC		Turbo Fan/BLDC	
	Motor	Output	W	35.00		35.00		35.00	
	Number of Unit		EA	1.00		1.00		1.00	
	Air Flow Rate	High / Mid / Low	CMM	8.50/7.50/6.50		9.80/8.50/7.50		13.00/11.50/10.00	
			l/s	141.67/125.00/108.33		163.33/141.67/125.00		216.67/191.67/166.67	
	External Static Pressure	Min / Std / Max	mmAq	-		-		-	
Drain	Drain Pipe	Φ,mm	VP18 (OD 19,ID 16)		VP18 (OD 19,ID 16)		VP18 (OD 19,ID 16)		
Sound	Sound Pressure	High / Mid / Low	dB(A)		39.00/31.5/24.0		44.00/34.5/25.0		
External Dimension	Net Weight		kg	15.20		15.20		15.20	
	Shipping Weight		kg	20.30		20.30		20.30	
	Net Dimensions (WxHxD)		mm	720 x 620 x 199		720 x 620 x 199		720 x 620 x 199	
	Shipping Dimensions (WxHxD)		mm	810 x 710 x 299		810 x 710 x 299		810 x 710 x 299	
Panel Size	Panel model		-	-		-		-	
	Panel Net Weight		kg	-		-		-	
	Shipping Weight		kg	-		-		-	
	Net Dimensions (WDHDD)		mm	-		-		-	
	Shipping Dimensions (WDHDD)		mm	-		-		-	
Additional Accessories	Drain pump	Drain pump	-	-		-		-	
	Max. lifting Height / Displacement	mm / liter/h	-	-		-		-	
	Air Filter		-	-		-		-	
OUTDOOR UNIT									
Power Supply	Φ, #, V, Hz	1,2,220-240,50		1,2,220-240,50		1,2,220-240,50		1,2,220-240,50	
Compressor	Type	-		Single BLDC Rotary		Single BLDC Rotary		Twin BLDC Rotary	
	Model	-		UG4C090LUDJR		UG4C090LUDJR		UG4T150FUDJQDO	
	Output		kW	0.86		0.86		1.37	
	Oil	Type	-	POE		POE		POE	
	Initial Charge		cc	320.00		320.00		650.00	
	Air Flow Rate	Cooling	CMM	29.00		30.00		33.00	
Sound	Sound Pressure	Cooling / Heating	l/s	483.33		500.00		550.00	
External Dimension	Net Weight		dB(A)	47.0 / 47.0		47.0 / 47.0		49.0 / 49.0	
	Shipping Weight		kg	33.00		33.00		38.50	
	Net Dimensions (WxHxD)		kg	37.00		37.00		42.50	
	Shipping Dimensions (WxHxD)		mm	790 x 548 x 285		790 x 548 x 285		790 x 548 x 285	
Operating Temp. Range	Shipping Dimensions (WxHxD)		mm	926 x 655 x 382		926 x 655 x 382		926 x 655 x 382	
	Cooling		°C	-10~46		-10~46		-10~46	
	Heating		°C	-15~24		-15~24		-15~24	

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Optional Accessories

Individual Controllers

MWR-WE10MWR-WH0*MWR-SH00MR-DH00

Standard Accessories

Wireless Remote Controller



Ceiling

- 2Way Installation
- Compact but Powerful



Indoor Unit				AC052FBCDEH/EU		AC071FBCDEH/EU	
Outdoor Unit				AC052FCADH/EU		AC071FCADH/EU	
Model Name				HEAT PUMP		HEAT PUMP	
Capacity (Nominal)	Cooling (Min. / Std. / Max.)		kW	1.70/5.00/5.60		2.20/7.10/8.00	
			Btu/h	5,800/17,100/19,100		7,500/24,200/27,300	
	Heating (Min. / Std. / Max.)		kW	1.70/6.00/7.70		1.90/8.00/9.00	
			Btu/h	5,800/20,500/26,300		6,500/27,300/30,700	
Power	Power Input (Nominal)	Cooling (Min. / Std. / Max.)	kW	0.48/1.66/1.90		0.35/2.36/4.00	
				0.43/1.87/3.05		0.35/2.75/4.00	
	Current Input (Nominal)	Cooling (Min. / Std. / Max.)	A	2.80/7.80/9.00		2.00/10.50/21.00	
				2.40/8.80/14.50		2.00/12.60/21.00	
	MCA		A	10.80 (MCA)		20.30 (MCA)	
	MFA		A	13.13		25.00	
Energy Efficiency	EER (Nominal Cooling)		-	3.01		3.01	
	COP (Nominal Heating)		-	3.21		2.91	
	Energy Grade		-	Energy Grade (C) 5.30 (A)		Energy Grade (C) 5.10 (A)	
			-	Energy Grade (H) 3.60 (A)		Energy Grade (H) 3.40 (A)	
Piping Connections	Liquid Pipe		Φ, mm	6.35		6.35	
			Φ, inch	1/4"		1/4"	
	Gas Pipe		Φ, mm	12.70		15.88	
			Φ, inch	1/2"		5/8"	
	Installation Limitation		m	30(35)		50(55)	
	Max. Height (Between ID/OD)		m	20(20)		30(30)	
Field Wiring	Power Source Wire	-	2.0		2.5 ~ 4.0		
	Transmission Cable	-	0.75 ~ 1.25		0.75 ~ 1.25		
Refrigerant	Type	-	R410A		R410A		
	Control Method	-	-		-		
Factory Charging		kg	1.40		1.80		
INDOOR UNIT							
Power Supply	Φ, #, V, Hz	-	1,2,220-240,50		1,2,220-240,50		
	Type	-	Turbo Fan/BLDC		Turbo Fan/BLDC		
	Motor	Output	W	35.00		35.00	
			EA	1.00		1.00	
	Air Flow Rate	High / Mid / Low	CMM	13.50/12.50/11.50		16.50/15.00/14.00	
			l/s	225.00/208.33/191.67		275.00/250.00/233.33	
	External Static Pressure		mmAq	-		-	
Drain	Drain Pipe	Φ,mm	VP18 (OD 19,ID 16)		VP18 (OD 19,ID 16)		
Sound	Sound Pressure	High / Mid / Low	dB(A)		41.00/39.0/37.0		
External Dimension	Net Weight	-	kg		22.00		
	Shipping Weight	-	kg		26.00		
	Net Dimensions (WxHxD)	-	mm		1000 x 200 x 650		
	Shipping Dimensions (WxHxD)	-	mm		1080 x 300 x 730		
Panel Size	Panel model	-	-		-		
	Panel Net Weight	-	kg		-		
	Shipping Weight	-	kg		-		
	Net Dimensions (WDHxD)	-	mm		-		
	Shipping Dimensions (WDHxD)	-	mm		-		
Additional Accessories	Drain pump	-	-		-		
	Drain pump	Max. lifting Height / Displacement	mm / liter/h	-		-	
	Air Filter	-	-		-		
OUTDOOR UNIT							
Power Supply	Φ, #, V, Hz	-	1,2,220-240,50		1,2,220-240,50		
Compressor	Type	-	Twin BLDC Rotary		Twin BLDC Rotary		
	Model	-	UG4T150FUDJQDO		UG4T200FJAE4		
	Output	Type	kW	1.37		1.79	
			POE	POE			
Oil	Initial Charge	cc	650.00		650.00		
			CMM	33.00		52.00	
Fan	Air Flow Rate	Cooling	l/s	550.00		866.67	
	Sound Pressure	Cooling / Heating	dB(A)	49.0 / 49.0		49.0 / 51.0	
External Dimension	Net Weight	-	kg		38.50		
	Shipping Weight	-	kg		42.50		
	Net Dimensions (WxHxD)	-	mm		790 x 548 x 285		
	Shipping Dimensions (WxHxD)	-	mm		926 x 655 x 382		
Operating Temp. Range	Cooling	°C	-10~46		-15~50		
	Heating	°C	-15~24		-20~24		

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Optional Accessories

Individual Controllers

MWR-WE10

MWR-WH0*

MWR-SH00

MR-DH00

Standard Accessories

Wireless Remote Controller

Product Fiche

Energy Labeling Information (AC product)

Model name (Indoor/Outdoor)		AC026FB1DEH / AC026FCADEH	AC026FBJDEH/EU / AC026FCADEH/EU	AC026FBNDEH / AC026FCADEH	AC026FBRDEH/EU / AC026FCADEH/EU	AC035FB1DEH / AC035FCADEH	AC035FBJDEH/EU / AC035FCADEH/EU
Sound Power Level (Inside/Outside)	dBa	52/60	53/61	48/60	53/60	55/62	55/61
Refrigerant name ¹⁾	-	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
GWP	-	1975	1975	1975	1975	1975	1975
SEER		5.6	5.4	6.7	5.9	5.4	5.4
Energy efficiency class (SEER)	-	A+	A	A++	A+	A	A
QCE ²⁾ (cooling season)	kWh/a	163	169	136	154	227	227
Pdesignc	kW	2.6	2.6	2.6	2.6	3.5	3.5
SCOP	-	3.8	4.0	4.0	3.9	3.8	3.9
Energy efficiency class (SCOP)	-	A	A+	A+	A	A	A
QHE ³⁾ (heating season)	kWh/a	921	805	840	862	921	826
Other heating seasons suitable for use	-	N/A	N/A	N/A	N/A	N/A	N/A
Pdesignh (Average)	kW	2.5	2.3	2.4	2.4	2.5	2.3
Pdesignh (Warmer)	kW	-	-	-	-	-	-
Pdesignh (Colder))	kW	-	-	-	-	-	-
Declared capacity at reference design conditions	kW	2.5	2.3	2.4	2.4	2.5	2.3
Assumed backup heating capacity	kW	0	0	0	0	0	0

Model name (Indoor/Outdoor)		AC035FBLDEH/EU / AC035FCADEH/EU	AC035FBNDEH / AC035FCADEH	AC035FBRDEH/EU / AC035FCADEH/EU	AC052FB4DEH / AC052FCADEH	AC052FBCDEH/EU / AC052FCADEH/EU	AC052FBJDEH/EU / AC052FCADEH/EU
Sound Power Level (Inside/Outside)	dBa	54/62	50/62	55/62	51/64	60/64	60/64
Refrigerant name ¹⁾	-	R-410A	R-410a	R-410A	R-410A	R-410A	R-410A
GWP	-	1975	1975	1975	1975	1975	1975
SEER		5.3	6.5	5.6	6.4	5.3	5.4
Energy efficiency class (SEER)	-	A	A++	A+	A++	A	A
QCE ²⁾ (cooling season)	kWh/a	231	189	219	279	330	324
Pdesignc	kW	3.5	3.5	3.5	5.1	5.0	5.0
SCOP	-	3.4	4.0	3.9	4.0	3.6	3.5
Energy efficiency class (SCOP)	-	A	A+	A	A+	A	A
QHE ³⁾ (heating season)	kWh/a	988	840	898	1050	1400	1200
Other heating seasons suitable for use	-	N/A	N/A	N/A	N/A	N/A	N/A
Pdesignh (Average)	kW	2.4	2.4	2.5	3.0	3.6	3.0
Pdesignh (Warmer)	kW	-	-	-	-	-	-
Pdesignh (Colder))	kW	-	-	-	-	-	-
Declared capacity at reference design conditions	kW	2.4	2.4	2.5	3.0	3.6	3.0
Assumed backup heating capacity	kW	0	0	0	0	0	0

"1) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to [1975]. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be [1975] times higher than 1 kg of CO 2 , over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional."

"2) Energy consumption "XYZ" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located."

"3) Energy consumption "XYZ" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located."

Product Fiche

Energy Labeling Information (AC product)

Model name (Indoor/Outdoor)		AC071FBNDEH/EU / AC071FCADEH/EU	AC071FBRDEH/EU / AC071FCADEH/EU	AC090FB4DEH / AC090FCADEH	AC090FB4PEH / AC090FCAPEH	AC090FBMDEH/EU / AC090FCADEH/EU	AC090FBMSEH / AC090FCASEH	AC100FB4DEH/ AC100FCADEH
Sound Power Level (Inside/Outside)	dBA	58/66	63/67	57/68	58/67	65/67	65/68	58/69
Refrigerant name ¹⁾	-	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
GWP	-	1975	1975	1975	1975	1975	1975	1975
SEER	-	6.1	6.0	5.6	6.4	5.4	4.3	5.6
Energy efficiency class (SEER)	-	A++	A+	A+	A++	A	C	A+
QCE ²⁾ (cooling season)	kWh/a	390	414	563	492	583	733	625
Pdesignc	kW	6.8	7.1	9.0	9.0	9.0	9	10.0
SCOP	-	3.8	3.8	3.8	4.2	3.7	3.4	3.8
Energy efficiency class (SCOP)	-	A	A	A	A+	A	A	A
QHE ³⁾ (heating season)	kWh/a	1769	1842	2432	2533	2573	2800	2800
Other heating seasons suitable for use	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pdesignh (Average)	kW	4.8	5.0	6.6	7.6	6.8	6.8	7.6
Pdesignh (Warmer)	kW	-	-	-	-	-	-	-
Pdesignh (Colder))	kW	-	-	-	-	-	-	-
Declared capacity at reference design conditions	kW	4.8	5.0	6.6	7.6	6.8	6.8	7.6
Assumed backup heating capacity	kW	0	0	0	0	0	0	0

Model name (Indoor/Outdoor)		AC100FB4DEH / AC100FCADGH	AC100FB4FEH / AC100FAFEH	AC100FB4PEH / AC100FCAPEH	AC100FB4PEH / AC100FCAPGH	AC100FBMDEH/EU / AC100FCADEH/EU	AC100FBMDEH/EU / AC100FCADGH/EU	AC100FBMSEH / AC100FCASEH
Sound Power Level (Inside/Outside)	dBA	58/68	60/68	59/66	59/66	65/68	65/68	65/69
Refrigerant name ¹⁾	-	R-410A	R-410a	R-410A	R-410A	R-410A	R-410A	R-410a
GWP	-	1975	1975	1975	1975	1975	1975	1945
SEER	-	5.6	6.7	6.4	6.4	5.2	5.1	4.3
Energy efficiency class (SEER)	-	A+	A++	A++	A++	A	A	C
QCE ²⁾ (cooling season)	kWh/a	625	522	547	547	673	686	814
Pdesignc	kW	10.0	10.0	10.0	10.0	10.0	10.0	10.0
SCOP	-	3.8	4.3	4.2	4.2	3.7	3.5	3.4
Energy efficiency class (SCOP)	-	A	A+	A+	A+	A	A	A
QHE ³⁾ (heating season)	kWh/a	2800	3419	3100	3100	2573	2720	2800
Other heating seasons suitable for use	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pdesignh (Average)	kW	7.6	10.5	9.3	9.3	6.8	6.8	6.8
Pdesignh (Warmer)	kW	-	-	-	-	-	-	-
Pdesignh (Colder))	kW	-	-	-	-	-	-	-
Declared capacity at reference design conditions	kW	7.6	10.5	9.3	9.3	6.8	6.8	6.8
Assumed backup heating capacity	kW	0	0	0	0	0	0	0

"1) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to [1975]. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be [1975] times higher than 1 kg of CO 2 , over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional."

"2) Energy consumption "XYZ" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located."

"3) Energy consumption "XYZ" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located."

Product Fiche

Energy Labeling Information (AC product)_RAC

Model name (Indoor/Outdoor)	AR09FSFPDGMN / AR09FSFPDGMX	AR09FSFPESNN / AR09FSFPESNX	AR09FSFPKGMN / AR09FSFPKGMX	AR09FSFTJWQN / AR09FSFTJWQX	AR09FSFTKWQN / AR09FSFTKWQX	AR09FSSEDWUN / AR09FSSEDWUX
Sound Power Level (Inside/Outside)	-	54 / 59	54 / 59	56 / 59	56 / 59	56 / 59
Refrigerant name1)	dBA	R-410a	R-410a	R-410a	R-410a	R-410a
GWP	-	1975	1975	1975	1975	1975
SEER	-	5,1	5,6	5,6	5,1	7.1
Energy efficiency class (SEER)		A	A+	A+	A	A++
QCE2) (cooling season)	-	172	156	172	156	123
Pdesignc	kWh/a	2,5	2,5	2,5	2,5	2,5
SCOP	kW	3,4	3,8	3,4	3,4	4,0
Energy efficiency class (SCOP)	-	A	A	A	A	A+
QHE3) (heating season)	-	1029	921	1029	1029	875
Other heating seasons suitable for use	kWh/a	Warmer Season	Warmer and Colder Season	Warmer Season	Warmer Season	Warmer and Colder Season
Pdesignh (Average)	-	2,5	2,5	2,5	2,5	2,5
eibu(Tj) (Average)	kW	0	0	0	0	0
Pdesignh (Warmer))	kW	2,5	2,5	2,5	2,5	2,5
eibu(Tj) (Warmer)	kW	0	0	0	0	0
Pdesignh (Colder)	kW	X	2,5	X	X	2,5
eibu(Tj) (Colder)	kW	X	1,82	X	X	1,85
Declared capacity at reference design conditions	kW	2,5	2,5	2,5	2,5	2,5
Assumed backup heating capacity	kW	0	0	0	0	0

Model name (Indoor/Outdoor)	AR09FSSKABEN / AR09FSSKABEX	AR09FSSYAWTN / AR09FSSYAWTX	AR12FSFPDGMN / AR12FSFPDGMX	AR12FSFPESNN / AR12FSFPESNX	AR12FSFPDGMN / AR12FSFPDGMX	AR12FSFTJWQN / AR12FSFTJWQX
Sound Power Level (Inside/Outside)	-	56 / 60	58 / 59	56 / 62	57 / 62	56 / 62
Refrigerant name1)	dBA	R-410a	R-410a	R-410a	R-410a	R-410a
GWP	-	1975	1975	1975	1975	1975
SEER	-	8,5	7,0	5,1	5,6	5,1
Energy efficiency class (SEER)		A+++	A++	A	A+	A
QCE2) (cooling season)	-	103	125	240	219	240
Pdesignc	kWh/a	2,5	2,5	3,5	3,5	3,5
SCOP	kW	4,6	4,0	3,4	3,8	3,4
Energy efficiency class (SCOP)	-	A++	A+	A	A	A
QHE3) (heating season)	-	758	868	1153	1105	1153
Other heating seasons suitable for use	kWh/a	Warmer and Colder Season	Warmer and Colder Season	Warmer Season	Warmer and Colder Season	Warmer Season
Pdesignh (Average)	-	2,5	2,5	2,8	3,0	2,8
eibu(Tj) (Average)	kW	0	0	0	0	0
Pdesignh (Warmer))	kW	2,5	2,5	2,8	3,0	2,8
eibu(Tj) (Warmer)	kW	0	0	0	0	0
Pdesignh (Colder)	kW	2,5	2,5	X	3,0	-
eibu(Tj) (Colder)	kW	1,83	1,82	X	2,22	-
Declared capacity at reference design conditions	kW	2,5	2,5	2,8	3,0	2,8
Assumed backup heating capacity	kW	0	0	0	0	0

"1) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to [1975]. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be [1975] times higher than 1 kg of CO 2 , over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional."

"2) Energy consumption "XYZ" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located."

"3) Energy consumption "XYZ" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located."

Product Fiche

Energy Labeling Information (AC product)_RAC

Model name (Indoor/Outdoor)	AR12FSFTKWQN / AR12FSFTKWQX	AR12FSSEDWUN / AR12FSSEDWUX	AR12FSSKABEN / AR12FSSKABEX	AR12FSSYAWTN / AR12FSSYAWTX	AR18FSFPDGMN / AR18FSFPDGMX	AR18FSFPESNN / AR18FSFPESNX	AR18FSFTJWQN / AR18FSFTJWQX
Sound Power Level (Inside/Outside)	-	57 / 62	58 / 62	60 / 62	60 / 62	57 / 65	57 / 65
Refrigerant name1)	dBA	R-410a	R-410a	R-410a	R-410a	R-410a	R-410a
GWP	-	1975	1975	1975	1975	1975	1975
SEER	-	5.6	6.7	7.0	6.7	6.7	6.7
Energy efficiency class (SEER)		A	A++	A++	A++	A++	A++
QCE2) (cooling season)	-	219	183	175	183	261	261
Pdesignhc	kWh/a	3.5	3.5	3.5	3.5	5.0	5.0
SCOP	kW	3.4	4.0	4.6	4.0	3.8	3.8
Energy efficiency class (SCOP)	-	A	A+	A++	A+	A	A
QHE3) (heating season)	-	1153	1050	913	1050	1658	1658
Other heating seasons suitable for use	kWh/a	Warmer Season	Warmer and Colder Season	Warmer and Colder Season	Warmer and Colder Season	-	-
Pdesignh (Average)	-	2.8	3.0	3.0	3.0	4.5	4.5
eibu(Tj) (Average)	kW	0	0	0	0	0	0
Pdesignh (Warmer))	kW	2.8	3.0	3.0	3.0	-	-
eibu(Tj) (Warmer)	kW	0	0	0	0	-	-
Pdesignh (Colder)	kW	-	3.0	4.0	3.0	-	-
eibu(Tj) (Colder)	kW	-	2.22	1.83	2.22	-	-
Declared capacity at reference design conditions	kW	2.8	3.0	3.0	3.0	4.5	4.5
Assumed backup heating capacity	kW	0	0	0	0	0	0

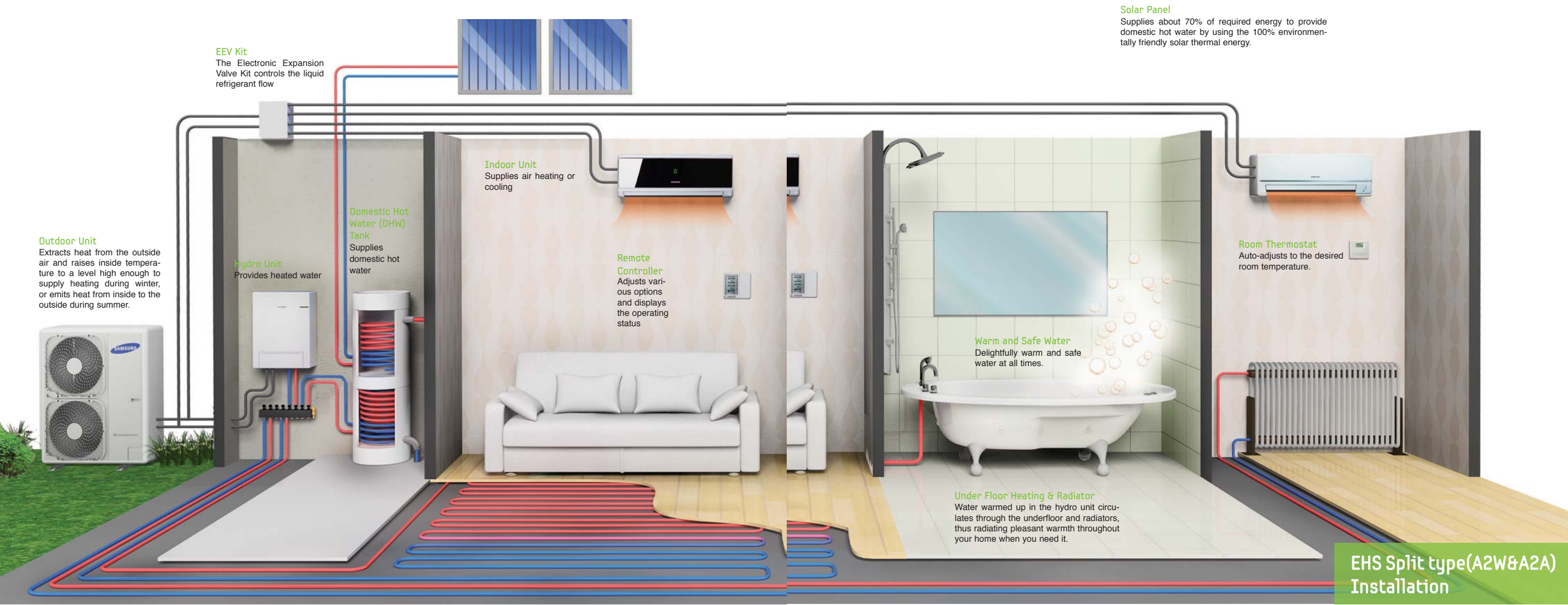
Model name (Indoor/Outdoor)	AR18FSSEDWUN / AR18FSSEDWUX	AR18FSSKABEN / AR18FSSKABEX	AR18FSSYAWTN / AR18FSSYAWTX	AR24FSFPESNN / AR24FSFPESNX	AR24FSFPESNN / AR24FSFPESNX	AR24FSFTJWQN / AR24FSFTJWQX	AR24FSSEDWUN / AR24FSSEDWUX
Sound Power Level (Inside/Outside)	-	57 / 65	60 / 65	62 / 67	62 / 67	62 / 67	62 / 67
Refrigerant name1)	dBA	R-410a	R-410a	R-410a	R-410a	R-410a	R-410a
GWP	-	1975	1975	1975	1975	1975	1975
SEER	-	6.7	6.1	6.1	6.1	6.1	6,1
Energy efficiency class (SEER)		A++	A++	A++	A++	A++	A++
QCE2) (cooling season)	-	261	287	287	390	390	390
Pdesignhc	kWh/a	5.0	5.0	5.0	6.8	6.8	6,8
SCOP	kW	3.8	3.8	3.8	3.8	3.8	3,8
Energy efficiency class (SCOP)	-	A	A	A	A	A	A
QHE3) (heating season)	-	1658	1658	1658	2063	2063	2063
Other heating seasons suitable for use	kWh/a	-	-	-	-	-	-
Pdesignh (Average)	-	4.5	4.5	4.5	5.6	5.6	5,6
eibu(Tj) (Average)	kW	0	0	0	0	0	0
Pdesignh (Warmer))	kW	-	-	-	-	-	-
eibu(Tj) (Warmer)	kW	-	-	-	-	-	-
Pdesignh (Colder)	kW	-	-	-	-	-	-
eibu(Tj) (Colder)	kW	-	-	-	-	-	-
Declared capacity at reference design conditions	kW	4.5	4.5	4.5	5.6	5.6	5,6
Assumed backup heating capacity	kW	0	0	0	0	0	0

"1) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to [1975]. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be [1975] times higher than 1 kg of CO 2 , over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional. "

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"3) Energy consumption "XYZ" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located."

EHS Lineup & Feature - Split Type (A2W & A2A)



Type	6.0kW	7.0kW	8.0kW	11kW	14kW	16kW
Outdoor Unit						
Hydro Unit						

Type	200L	300L
DHW Tank (Optionally Solar Connected)		

Type	Model	2.2kW	2.8kW	3.6kW	4.5kW	5.6kW	7.1kW
Indoor Unit	Vivace						
	Neo Forte						
	Slim Duct						

Type	Model
Solar Panel (Field Supply)-Optional	

* There are two different types of DHW Tanks : Standard and Solar Connected types.

EHS Lineup & Feature - Mono Type (A2W)

Type	9.0kW	12kW	14kW	1kW
Outdoor Unit				

Type	200L	300L
Cylinder Unit (Standard / Solar Connected)		

Type	MIM-E03A
Control Unit	

EHS Specification - Split Type (A2W & A2A)



Outdoor Unit (TDM, Split Type)

- One outdoor unit gets done the task that two outdoor units used to do
- Air-to-Water (A2W) and Air-to-Air (A2A)

Model				RD060PHXEA	RD070PHXEA	RD080PHXEA
Mode				Heat Pump (A2A/A2W Multi)	Heat Pump (A2A/A2W Multi)	Heat Pump (A2A/A2W Multi)
Power Supply				Φ, #, V, Hz	1, 2, 220~240, 50	1, 2, 220~240, 50
Performance (A2W #1)	Nominal Capacity *1)	Heating	W	6,000	7,000	8,000
			Btu/h	20,500	23,900	27,300
		Cooling	W	7,000	7,500	8,000
			Btu/h	23,900	25,600	27,300
Power	Nominal Input *1)	Heating	W	1,305	1,590	1,925
			W	1,945	2,205	2,540
		Cooling	W	1,305	1,590	1,925
			W	1,945	2,205	2,540
Energy Efficiency	Nominal Heating (COP) *1) Nominal Cooling (EER) *1) ESEER *2)	W/W	W/W	4.60	4.40	4.15
			W/W	3.60	3.40	3.15 w
		W/W	W/W	5.20	5.50	4.90
			W	5,300	6,200	7,200
Performance (A2W #2)	Nominal Capacity *3)	Heating	Btu/h	18,100	21,200	24,600
			W	5,000	5,300	5,800
		Cooling	Btu/h	17,100	18,100	19,800
			W	1,555	1,875	2,250
Power	Nominal Input *3)	Heating	W	1,555	1,875	2,250
			W	1,850	2,040	2,320
		Cooling	W	1,850	2,040	2,320
			W	2,700	3,000	3,300
Energy Efficiency	Nominal Heating (COP) *3) Nominal Cooling (EER) *3) ESEER *4)	W/W	W/W	3.40	3.30	3.20
			W/W	2.70	2.60	2.50
		W/W	W/W	3.60	3.70	3.70
			W	3,000~6,000	3,500~7,000	4,000~8,000
Performance (A2A)	Nominal Capacity	Cooling	Btu/h	10,200~20,500	11,900~23,900	13,600~27,300
			EA	Max 3	Max 3	Max 3
	Allowable No. of Indoor Units	W/W	W/W	4.04	4.04	4.04
			W/W	3.21	3.21	3.21
Energy Efficiency	Nominal Heating (COP) *5) Nominal Cooling (EER) *5)	W/W	W/W	3.21	3.21	3.21
			W/W	3.21	3.21	3.21
	Sound Pressure *6)	dB(A)	dB(A)	48	48	49
			dB(A)	48	48	50
Piping Connections	Ref. Pipe	Liquid	Φ, mm(inch)	9.52(3/8")	9.52(3/8")	9.52(3/8")
			Φ, mm(inch)	15.88(5/8")	15.88(5/8")	15.88(5/8")
	Installation Limitation	Length	m	30	30	30
			m	15	15	15
External Dimension	Weight	Net	kg	71	71	71
			kg	79	79	79
	Dimensions (WxHxD)	Net	mm	880x798x310	880x798x310	880x798x310
			mm	1,023x891x413	1,023x891x413	1,023x891x413
Operating Range	Ambient (A2W)	Heating	°C	-20~35	-20~35	-20~35
			°C	10~46	10~46	10~46
		DHW	°C	-20~43	-20~43	-20~43
			°C	-20~24	-20~24	-20~24
Operating Range	Ambient (A2A)	Heating	°C	-20~24	-20~24	-20~24
			°C	10~43	10~43	10~43

*1)~*4) A2W rating conditions in accordance with Eurovent Rating Standard for Liquid Chilling Packages 6/C/003-2008.
*1) A2W Condition #1 : (Heating) Water In/Out 30°C/35°C, Outdoor Air DB/WB 7°C/6°C; (Cooling) Water In/Out 23°C/18°C, Outdoor Air DB 35°C.
*2) A2W Condition for ESEER(Cooling) at Water Out 18°C.
*3) A2W Condition #2 : (Heating) Water In/Out 40°C/45°C, Outdoor Air DB/WB 7°C/6°C; (Cooling) Water In/Out 12°C/7°C, Outdoor Air DB 35°C.
*4) A2W Condition for ESEER(Cooling) at Water Out 7°C.
*5) A2A Condition : (Heating) Indoor Air DB/WB 20°C/15°C, Outdoor Air DB/WB 7°C/6°C; (Cooling) Indoor Air DB/WB 27°C/19°C, Outdoor Air DB/WB 35°C/24°C.
*6) Sound Pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

EHS Specification - Split Type (A2W & A2A)



Outdoor Unit
(TDM, Split Type)

- One outdoor unit gets done the task that two outdoor units used to do
 - Air-to-Water (A2W) and Air-to-Air (A2A)

Model			RD110PHXEA	RD140PHXEA	RD160PHXEA	AEX060EDEHA/EU	AEX100EDEHA/EU	AEX125EDEHA/EU	Heat Pump(A2W Only)	AEX140EDEHA/EU
Mode			-	Heat Pump	Heat Pump	Heat Pump	Heat Pump(A2W Only)	Heat Pump(A2W Only)	Heat Pump(A2W Only)	Heat Pump(A2W Only)
Power Supply			Φ, #, V, Hz	1, 2, 220~240, 50	1, 2, 220~240, 50	1, 2, 220~240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Performance (A2W #1)	Nominal Capacity *1)	Heating(Min/Sta/Max)	W	11,000	14,000	16,000	1,611 / 5,800 / 5,800	2,459 / 10,000 / 10,000	3,750 / 12,500 / 12,500	12,810 / 42,700 / 42,700
		Btu/h		37,500	47,800	54,600	5,500 / 19,800 / 19,800	8,385 / 34,100 / 34,100	12,810 / 42,700 / 42,700	3,462 / 15,000 / 15,000
		Cooling(Min/Sta/Max)	W	11,300	14,200	15,500	1,325 / 5,300 / 5,300	2,068 / 9,100 / 9,100	3,462 / 15,000 / 15,000	11,815 / 51,200 / 51,200
		Btu/h		38,600	48,500	52,900	4,525 / 18,100 / 18,100	7,045 / 31,000 / 31,000	11,815 / 51,200 / 51,200	798 / 2,660 / 2,660
		Heating(Min/Sta/Max)	W				339 / 1,220 / 1,220	546 / 2,220 / 2,220	798 / 2,660 / 2,660	1,004 / 4,350 / 4,350
		Cooling(Min/Sta/Max)	W				476 / 1,905 / 1,905	657 / 2,890 / 2,890	1,004 / 4,350 / 4,350	1,3 / 4.2 / 4.2
	Nominal Power Input *1)	Heating(Min/Sta/Max)	A				1.6 / 5.7 / 5.7	2.4 / 9.7 / 9.7	3.5 / 11.7 / 11.7	1.6 / 6.8 / 6.8
		Cooling(Min/Sta/Max)	A				2.2 / 8.8 / 8.8	2.9 / 12.7 / 12.7	4.4 / 19.1 / 19.1	4.7 / 22.6 / 22.6
		COP(Heating) *1)	W				4.75	4.50	4.70	3.45
		EER(Cooling) *1)	W				3.50	3.15	3.45	4.80
Performance (A2W, Low Temperature)	A2/W35	Heating Capacity	W				4.50	4.80	8.990	3.05
		COP	WW				3.14	3.13	3.05	10.310
		Heating Capacity	W				5,120	8,710	10,310	2.47
	A-7/W35	COP	WW				2.45	2.35	2.47	-
		Nominal Capacity	W				-	-	-	-
		Btu/h					-	-	-	-
Performance (A2A)	Allowable No. of Indoor Units	EA					-	-	-	-
		COP(Heating) *3)	WW				-	-	-	-
		EER(Cooling) *3)	WW				-	-	-	-
		MCA	A				20.0	22.0	28.0	12.5
		MFA	A				25.0	27.5	35.0	30.0
										37.5
Electric Specification	MCA	Type	-				-	-	-	-
		Quantity	-				-	-	-	-
		Required Water Pressure	bar				-	-	-	-
		Required Flow Rate	LPM				-	-	-	-
		Flow Switch	LPM				-	-	-	-
		Piping Connections	In/Out Φ, inch				-	-	-	-
Water Side	Heat Exchanger	Type	-				-	-	-	-
		Quantity	-				-	-	-	-
		Required Water Pressure	bar				-	-	-	-
		Required Flow Rate	LPM				-	-	-	-
		Flow Switch	LPM				-	-	-	-
		Piping Connections	In/Out Φ, inch				-	-	-	-
	Compressor	Type	-				-	-	-	-
		Model	-				-	-	-	-
		Oil	-				-	-	-	-
		Type	-				-	-	-	-
		Refrigerant	-				-	-	-	-
		Factory Charging	g				-	-	-	-
Refrigerant Side	Liquid	Φ, mm					-	-	-	-
		Φ, inch					-	-	-	-
		Φ, mm					-	-	-	-
		Φ, inch					-	-	-	-
		Length	m				-	-	-	-
		Height	m				-	-	-	-
	Installation Limitation	Capacity	W				-	-	-	-
		Heating	dB(A)				-	-	-	-
		Cooling	dB(A)				-	-	-	-
		Sound Power	dB(A)				-	-	-	-
		Weight	kg				-	-	-	-
		Gross	kg				-	-	-	-
Base Heater	Sound Pressure *3)	Heating	dB(A)				-	-	-	-
		Cooling	dB(A)				-	-	-	-
		Sound Power	dB(A)				-	-	-	-
		Weight	kg				-	-	-	-
		Gross	kg				-	-	-	-
		Dimensions (WxHxD)	mm				-	-	-	-
External Dimension	Dimensions (WxHxD)	Net	mm				-	-	-	-
		Gross	mm				-	-	-	-
		Heating	°C				-	-	-	-
		Cooling	°C				-	-	-	-
		DRHW	°C				-	-	-	-
		Ambient (A2W)	°C				-	-	-	-
	Operating Range	Heating	°C				-	-	-	-
		Cooling	°C				-	-	-	-
		Ambient (A2A)	°C				-	-	-	-
		Heating	°C				-	-	-	-
		Cooling	°C				-	-	-	-
		Leaving Water	°C				-	-	-	-

*1)~2) A2W rating conditions in accordance with Eurovent Rating Standard for Liquid Chilling Packages 6/C/003-2008.
*1) A2W Condition #1 : (Heating) Water In/Out 30°C/35°C, Outdoor Air 7°CDB/6°CWB; (Cooling) Water In/Out 23°C/18°C, Outdoor Air 35°CDB.
*2) A2W Condition for ESEER(Cooling) at Water Out 18°C.
*3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

EHS Specification - Split Type (A2W & A2A)



Outdoor Unit
(TDM, Split Type)

- One outdoor unit gets done the task that two outdoor units used to do
 - Air-to-Water (A2W) and Air-to-Air (A2A)



Hydro Unit

- Multi Functional controller for delicate control

Model				AEX140EDGHAEU	AEX160EDEHAEU	AEX160EDGHAEU		
Mode		-		Heat Pump(A2W Only)	Heat Pump(A2W Only)	Heat Pump(A2W Only)		
Power Supply		Φ, #, V, Hz		3, 380-415, 50	1, 220-240, 50	3, 380-415, 50		
Performance (A2W #1)	Nominal Capacity *1)	Heating(Min/Sta/Max)		W	3,750 / 14,000 / 14,000	3,750 / 16,000 / 16,000	3,750 / 16,000 / 16,000	
				Btu/h	12,804 / 47,800 / 47,800	12,797 / 54,600 / 54,600	12,797 / 54,600 / 54,600	
		Cooling(Min/Sta/Max)		W	3,375 / 16,200 / 16,200	3,263 / 17,400 / 17,400	3,263 / 17,400 / 17,400	
				Btu/h	11,521 / 55,300 / 55,300	11,138 / 59,400 / 59,400	11,138 / 59,400 / 59,400	
	Nominal Power Input *1)	Heating(Min/Sta/Max)		W	833 / 3,110 / 3,110	872 / 3,720 / 3,720	872 / 3,720 / 3,720	
		Cooling(Min/Sta/Max)		W	1,073 / 5,150 / 5,150	1,125 / 6,000 / 6,000	1,125 / 6,000 / 6,000	
	Nominal Current Input *1)	Heating(Min/Sta/Max)		A	1.3 / 4.9 / 4.9	3.8 / 16.3 / 16.3	1.4 / 5.8 / 5.8	
		Cooling(Min/Sta/Max)		A	1.7 / 8.1 / 8.1	5.0 / 26.4 / 26.4	1.8 / 9.4 / 9.4	
	COP(Heating) *1)				W	4.50	4.30	4.30
	EER(Cooling) *1)				W	3.15	2.90	2.90
ESEER *2)				A	4.75	4.70	4.70	
Performance (A2W, Low Temperature)	A2/W35	Heating Capacity		W	10,230	11,400	11,400	
		COP		WW	3.00	2.89	2.89	
	A-7/W35	Heating Capacity		W	11,830	13,350	13,350	
		COP		WW	2.45	2.38	2.38	
Performance (A2A)	Nominal Capacity	Cooling		W	-	-	-	
				Btu/h	-	-	-	
	Allowable No. of Indoor Units		EA	-	-	-		
	COP(Heating) *3)		WW	-	-	-		
Electric Specification	MCA		A	11.0	32.0	12.0		
	MFA		A	13.8	40.0	15.0		
Water Side	Heat Exchanger	Type	-	-	-	-		
		Quantity	-	-	-	-		
	Required Water Pressure		bar	-	-	-		
	Required Flow Rate		LPM	-	-	-		
	Flow Switch		LPM	-	-	-		
	Piping Connections	In/Out	Φ, inch	-	-	-		
Refrigerant Side	Compressor	Type	-	Rotary Inverter	Rotary Inverter	Rotary Inverter		
		Model	-	UG5T450FUEJX	UG5T450FUEJX	UG5T450FUEJX		
	Oil	Type	-	POE	POE	POE		
		Refrigerant	Type	-	R410A	R410A	R410A	
	Factory Charging	g		2,800	2,800	2,800		
		Liquid	Φ, mm	9.52	9.52	9.52		
	Piping Connections		Φ, inch	3/8	3/8	3/8		
		Gas	Φ, mm	15.88	15.88	15.88		
			Φ, inch	5/8	5/8	5/8		
		Installation Limitation	Length	m	75	75	75	
Base Heater	Height		m	30	30	30		
	Capacity	-	W	150	150	150		
Sound	Sound Pressure *3)	Heating	dB(A)	50	53	53		
		Cooling	dB(A)	53	54	54		
	Sound Power	dB(A)		66	68	68		
External Dimension	Weight	Net	kg	98.0	98.0	98.0		
		Gross	kg	108.0	108.0	108.0		
	Dimensions (WxHxD)	Net	mm	940 x 1,420 x 330	940 x 1,420 x 330	940 x 1,420 x 330		
		Gross	mm	995 x 1,548 x 426	995 x 1,548 x 426	995 x 1,548 x 426		
Operating Range	Ambient (A2W)	Heating	°C	-20~35	-20~35	-20~35		
		Cooling	°C	10~46	10~46	10~46		
		DHW	°C	-20~43	-20~43	-20~43		
	Ambient (A2A)*	Heating	°C	-	-	-		
		Cooling	°C	-	-	-		
	Leaving Water		Heating	°C	-	-	-	
Cooling			°C	-	-	-		

*1)~2) A2W rating conditions in accordance with Eurovent Rating Standard for Liquid Chilling Packages 6/C/003-2008.
*1) A2W Condition #1 : (Heating) Water In/Out 30°C/35°C, Outdoor Air 7°CDB/6°CWB; (Cooling) Water In/Out 23°C/18°C, Outdoor Air 35°CDB.
*2) A2W Condition for ESEER(Cooling) at Water Out 18°C.
*3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

Model				NH080PHXEA	NH160PHXEA	AEN080YDEHAEU	AEN160YDEHAEU	AEN160YDGHAEU	
Power Supply		Φ, #, V, Hz				1, 2, 220-240, 50	1, 2, 220-240, 50	3, 4, 380-415, 50	
Performance	Nominal Capacity	Heating		W		5,200 / 10,000	12,500 / 14,000 / 16,000	12,500 / 14,000 / 16,000	
		Cooling		W		5,000 / 9,000	11,200 / 12,500 / 14,000	11,200 / 12,500 / 14,000	
	Leaving Water Temp. Range	Heating		°C		15-55 (H/P : 25-55)	15-55 (H/P : 25-55)	15-55 (H/P : 25-55)	
		Cooling		°C		5-25	5-25	5-25	
Water Side	Heat Exchanger	Type	-			Brazed Plate	Brazed Plate	Brazed Plate	
		Quantity	-			1	1	1	
	Required Water Pressure		bar			Max 3.0	Max 3.0	Max 3.0	
	Required Flow Rate		LPM			Min 12.0	Min 16.0	Min 16.0	
	Flow Switch		LPM			12 ± 1.5(Magnetic, Decreasing)	16 ± 1.5(Magnetic, Decreasing)	16 ± 1.5(Magnetic, Decreasing)	
	Piping Connections	In/Out	Φ, inch			1 1/4 (BSPP male)	1 1/4 (BSPP male)	1 1/4 (BSPP male)	
Refrigerant Side	Heat Exchanger	Type	-			Brazed Plate	Brazed Plate	Brazed Plate	
		Quantity	-			1	1	1	
	Piping Connections	Liquid	Φ, mm			9.52	9.52	9.52	
			Φ, inch			3/8	3/8	3/8	
		Gas	Φ, mm			15.88	15.88	15.88	
			Φ, inch			5/8	5/8	5/8	
Hydro Unit Parts	Water Pump	Flow Rate	kg/min			17.0 / 20.5 / 23.0	31.5 / 40.1 / 45.9	31.5 / 40.1 / 45.9	
		E.S.P	kPa			53.0 / 51.0 / 45.0	64.0 / 59.0 / 54.0	64.0 / 59.0 / 54.0	
	Electric Heater		Input Power	W		4,000	6,000	6,000	
	Expansion Vessel		Volume	Liter		8	8	8	
	Pressure Relief Valve		Relief Pressure	bar		2.9	2.9	2.9	
	Air Purge Valve	Size	Φ, inch			3/8 (BSPP male)	3/8 (BSPP male)	3/8 (BSPP male)	
Sound	Service Valve	Size	Φ, inch			1 1/4 (BSPP male)	1 1/4 (BSPP male)	1 1/4 (BSPP male)	
		Sound Pressure *3)		Heating	dB(A)				
	Cooling		dB(A)						
	Sound Power		dB(A)						
External Dimension	Weight	Net	kg			45	48	48	
		Gross	kg			55	58	58	
	Dimensions (WxHxD)	Net	mm			510 x 850 x 315	510 x 850 x 315	510 x 850 x 315	
		Gross	mm			564 x 1,024 x 412	564 x 1,024 x 412	564 x 1,024 x 412	
Operating Range	Type			-					
	Model			-					
	Oil	Type			-				
		Refrigerant			-				
	Factory Charging				g				
	MCA			A		20.0	22.0	28.0	
MFA			A		25.0	27.5	35.0		
Ambient	Heating			°C		-20-35	-20-35	-20-35	
		Cooling			°C		10-46	10-46	10-46
	Leaving Water	DHW			°C		-20-43	-20-43	-20-43
		Heating			°C		-	-	-
Cooling				°C		-	-	-	

EHS Specification - Split Type (A2W & A2A)



DHW Tank

Water tank that saves energy with domestic heating system



Vivace

- Shadow Mirror
- Hidden Display
- Trim-less Design



Model		Standard		Solar Connected	
		NH200WHXEA	NH300WHXEA	NH200WHXES	NH300WHXES
Pressure Vessel	Material Quality	-	AISI 444/DIN 1.4521	AISI 444/DIN 1.4521	AISI 444/DIN 1.4521
	Volume Capacity	Liter	198	287	287
Power Supply	Φ, #, V, Hz	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50
Electric Element	Capacity	kW	2.6	2.6	2.6
	Material	-	Incoloy 825	Incoloy 825	Incoloy 825
	Thermostat #1 (Auto)	°C	-	-	-
	Thermostat #2 (Manual)	°C	-	-	-
Heating Coil	Material Quality	-	Duplex LDX 2101	Duplex LDX 2101	Duplex LDX 2101
	Heating Area	m ²	0.71	0.71	0.71
Heating Coil for Solar	Material Quality	-	-	Duplex LDX 2101	Duplex LDX 2101
	Heating Area	m ²	-	0.47	0.47
Insulation	Material Quality	-	Polyrethane form	Polyrethane form	Polyrethane form
	Thickness	mm	40	40	40
Insulation Jacket	Material Quality	-	Epoxy-Coated Mild Steel-White	Epoxy-Coated Mild Steel-White	Epoxy-Coated Mild Steel-White
Dimensions Overall	Diameter	mm	585	585	585
	Height	mm	1,130	1,580	1,580
Connections	Cold Water Inlet	inch	3/4 (FBSP)	3/4 (FBSP)	3/4 (FBSP)
	Hot Water Outlet	inch	3/4 (FBSP)	3/4 (FBSP)	3/4 (FBSP)
	Recirculation	mm	Ø22mm Straight tube (for compression fitting)	Ø22mm Straight tube (for compression fitting)	Ø22mm Straight tube (for compression fitting)
	Flow & Return	mm	3/4 (Female)	3/4 (Female)	3/4 (Female)
	Sensor Poket(s)	mm	Ø8mm Inside, 1/2" Thread	Ø8mm Inside, 1/2" Thread	Ø8mm Inside, 1/2" Thread
Weight	Net	kg	-	-	-
	Gross	kg	47	61	51
Max. Water Temperature		°C	70	70	70
Pre-plumbed parts	Water Pump	-	-	-	-
	2way valve	-	-	-	-
	Temp. & Pressure Relief Valve	-	-	-	-
	Pressure Reducing Valve	bar	-	-	-
	Relief Pressure	bar	-	-	-
	Strainer	mesh	-	-	-
Packaged part	Flow Switch	-	-	-	-
Room thermostat & receiver	Wireless Room Thermostat	-	-	-	-
	RF Receiver for Thermostat	-	-	-	-
Timer controller		-	-	-	-
Other	Packaging	-	Eco Foam-PUF	Eco Foam-PUF	Eco Foam-PUF
	Adjustable Legs	pcs	3	3	3

Model				NH022VHXEA	NH028VHXEA	NH036VHXEA	NH056VHXEA	NH071VHXEA	
Power Supply			Φ, #, V, Hz	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50	
Performance	Nominal Capacity	Cooling *1)	W	2,200	2,800	3,600	5,600	6,800	
			Btu/h	7,500	9,600	12,300	19,100	23,200	
	Heating *2)	W	2,500	3,200	4,000	6,300	7,000		
		Btu/h	8,500	10,900	13,600	21,500	23,900		
	Nominal Power Input		W	30	30	35	50	50	
	Nominal Current Input		A	0.13	0.18	0.19	0.30	0.30	
Sound *3)		Sound Pressure	High / Low	dB(A)	31 / 21	31 / 21	35 / 21	40 / 30	41 / 30
Fan	Type				-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
Airflow Rate	Cooling	High	CMM	7.0	7.0	8.2	13.3	13.3	
	Heating	High	CMM	7.3	7.3	8.8	14.0	14.0	
	ESP	Std. (Min.~Max.)	mmAq	-	-	-	-	-	
Refrigerant Side	Type				-	R410A	R410A	R410A	R410A
	Control Method					-	EEV	EEV	EEV
	Piping Connections	Liquid	Φ, mm	6.35	6.35	6.35	6.35	9.52	
			Φ, inch	1/4	1/4	1/4	1/4	3/8	
		Gas	Φ, mm	12.70	12.70	12.70	12.70	15.88	
			Φ, inch	1/2	1/2	1/2	1/2	5/8	
		Drain	Φ, mm	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	
External Dimension	Weight	Net	kg	8.5	8.5	8.5	12.0	15.0	
		Gross	kg	11.5	11.5	11.5	15.0	15.0	
	Dimensions (WxHxD)	Net	mm	825 x 285 x 189	825 x 285 x 189	825 x 285 x 189	1,065 x 298 x 218	1,065 x 298 x 218	
		Gross	mm	900 x 349 x 252	900 x 349 x 252	900 x 349 x 252	1,137 x 377 x 299	1,137 x 377 x 299	

*1) Nominal cooling capacities are based on;
- Indoor Air 27°CDB/19°CWB, Outdoor Air 35°CDB/24°CWB, Equivalent refrigerant piping 7.5m, Level differences 0m.
*2) Nominal heating capacities are based on;
- Indoor Air 20°CDB/15°CWB, Outdoor Air 7°CDB/6°CWB, Equivalent refrigerant piping 7.5m, Level differences 0m.
*3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

Optional Accessories



Standard Accessories



EHS Specification - Split Type (A2W & A2A)



Neo Forte

- Clean-cut Front Pane
- Silver Accent Line
- Bottom Opening Front Pane



Slim Duct

- Flexible Installation
- Easier Drain Pump Installation
- Slim Design
- Easy to Maintain



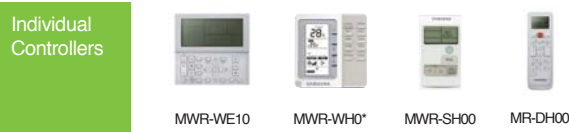
Model				NH022NHXEA	NH028NHXEA	NH036NHXEA	NH056NHXEA	NH071NHXEA	
Power Supply				Φ, #, V, Hz	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50	
Performance	Nominal Capacity	Cooling *1)	W	2,200	2,800	3,600	5,600	6,800	
			Btu/h	7,500	9,600	12,300	19,100	23,200	
	Heating *2)	W	2,500	3,200	4,000	6,300	7,000		
		Btu/h	8,500	10,900	13,600	21,500	23,900		
	Nominal Power Input		W	25	25	30	45	50	
	Nominal Current Input		A	0.18	0.18	0.18	0.27	0.30	
Sound *3)		Sound Pressure	High / Low	dB(A)	32 / 23	32 / 23	36 / 23	40 / 30	41 / 30
Fan	Type		-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	
Airflow Rate	Cooling	High	CMM	7.8	7.8	9.3	12.0	14.0	
	Heating	High	CMM	8.2	8.2	9.5	13.0	15.0	
	ESP	Std. (Min.~Max.)	mmAq	-	-	-	-	-	
Refrigerant Side	Type		-	R410A	R410A	R410A	R410A	R410A	
	Control Method		-	EEV	EEV	EEV	EEV	EEV	
	Piping Connections	Liquid	Φ, mm	6.35	6.35	6.35	6.35	9.52	
			Φ, inch	1/4	1/4	1/4	1/4	3/8	
		Gas	Φ, mm	12.70	12.70	12.70	12.70	15.88	
			Φ, inch	1/2	1/2	1/2	1/2	5/8	
		Drain	Φ, mm	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	
External Dimension	Weight	Net	kg	7.8	7.8	7.8	13.0	13.0	
		Gross	kg	9.4	9.4	9.4	16.0	16.0	
	Dimensions (WxHxD)	Net	mm	825 x 285 x 189	825 x 285 x 189	825 x 285 x 189	1,065 x 298 x 218	1,065 x 298 x 218	
		Gross	mm	900 x 349 x 252	900 x 349 x 252	900 x 349 x 252	1,137 x 377 x 299	1,137 x 377 x 299	

*1) Nominal cooling capacities are based on;
- Indoor Air 27°CDB/19°CWB, Outdoor Air 35°CDB/24°CWB, Equivalent refrigerant piping 7.5m, Level differences 0m.
*2) Nominal heating capacities are based on;
- Indoor Air 20°CDB/15°CWB, Outdoor Air 7°CDB/6°CWB, Equivalent refrigerant piping 7.5m, Level differences 0m.
*3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

Model				NH022LHXEA	NH028LHXEA	NH036LHXEA	NH045LHXEA	NH056LHXEA
Power Supply				Φ, #, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Performance	Nominal Capacity	Cooling *1)	W	2,200	2,800	3,600	4,500	5,600
			Btu/h	7,500	9,600	12,300	15,400	19,100
	Heating *2)	W	2,500	3,200	4,000	5,000	6,300	
		Btu/h	8,500	10,900	13,600	17,100	21,500	
	Nominal Power Input		W	80	80	80	90	100
	Nominal Current Input		A	0.40	0.40	0.40	0.60	0.60
Sound *3)	Sound Pressure	High / Low	dB(A)	31 / 26	32 / 27	32 / 27	33 / 30	33 / 30
Fan	Type	-		Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
Airflow Rate	Cooling	High	CMM	8.0	9.0	10.0	14.0	15.0
	Heating	High	CMM	9.0	10.0	12.0	16.5	18.0
	ESP	Std. (Min.~Max.)	mmAq	2 (0~4)	2 (0~4)	2 (0~4)	2 (0~4)	2 (0~4)
Refrigerant Side	Type	-		R410A	R410A	R410A	R410A	R410A
	Control Method	-		EEV	EEV	EEV	EEV	EEV
	Piping Connections	Liquid	Φ, mm	6.35	6.35	6.35	6.35	9.52
			Φ, inch	1/4	1/4	1/4	1/4	3/8
		Gas	Φ, mm	12.70	12.70	12.70	12.70	15.88
			Φ, inch	1/2	1/2	1/2	1/2	5/8
		Drain	Φ, mm	VP25(OD32,ID25)	VP25(OD32,ID25)	VP25(OD32,ID25)	VP25(OD32,ID25)	VP25(OD32,ID25)
External Dimension	Weight	Net	kg	26.0	26.0	26.0	31.0	31.0
		Gross	kg	31.0	31.0	31.0	39.0	39.0
	Dimensions (WxHxD)	Net	mm	900 x 199 x 600	900 x 199 x 600	900 x 199 x 600	1,100 x 199 x 600	1,100 x 199 x 600
		Gross	mm	1,133 x 333 x 730	1,133 x 333 x 730	1,133 x 333 x 730	1,330 x 330 x 730	1,330 x 330 x 730

*1) Nominal cooling capacities are based on;
- Indoor Air 27°CDB/19°CWB, Outdoor Air 35°CDB/24°CWB, Equivalent refrigerant piping 7.5m, Level differences 0m.
*2) Nominal heating capacities are based on;
- Indoor Air 20°CDB/15°CWB, Outdoor Air 7°CDB/6°CWB, Equivalent refrigerant piping 7.5m, Level differences 0m.
*3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

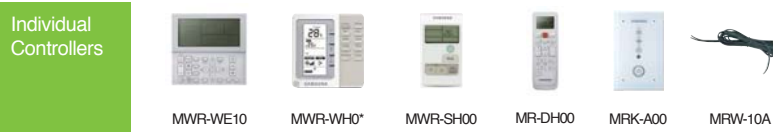
Optional Accessories



Standard Accessories



Optional Accessories



Standard Accessories



EHS Specification - Mono Type (A2W)



Outdoor Unit
(Mono Type)

Model			RC090MHXEA	RC120MHXEA	RC140MHXEA	RC160MHXEA	RC120MHXGA	RC140MHXGA	RC160MHXGA
Mode			-	Heat Pump(A2W Only)	Heat Pump(A2W Only)	Heat Pump(A2W Only)	Heat Pump(A2W Only)	Heat Pump(A2W Only)	Heat Pump(A2W Only)
Power Supply			Φ, #, V, Hz	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50
Performance (A2W #1)	Nominal Capacity *1)	Heating(Min/Sta/Max)	kW	1,901 / 9,000 / 9,000	3,000 / 12,000 / 12,000	2,877 / 14,000 / 14,000	3,117 / 16,000 / 16,000	3,000 / 12,000 / 12,000	2,877 / 14,000 / 14,000
			Btu/h	6,500 / 30,700 / 30,700	10,200 / 40,900 / 40,900	9,800 / 47,800 / 47,800	10,600 / 54,600 / 54,600	10,200 / 40,900 / 40,900	9,800 / 47,800 / 47,800
		Cooling(Min/Sta/Max)	kW	2,419 / 10,000 / 10,000	3,971 / 13,500 / 13,500	4,138 / 16,000 / 16,000	3,923 / 17,000 / 17,000	3,971 / 13,500 / 13,500	4,138 / 16,000 / 16,000
			Btu/h	8,300 / 34,100 / 34,100	13,500 / 46,100 / 46,100	14,100 / 54,600 / 54,600	13,400 / 58,000 / 58,000	13,500 / 46,100 / 46,100	14,100 / 54,600 / 54,600
		Nominal Power Input *1)	W	442 / 2,090 / 2,090	653 / 2,610 / 2,610	662 / 3,220 / 3,220	742 / 3,810 / 3,810	653 / 2,610 / 2,610	662 / 3,220 / 3,220
			W	692 / 2,860 / 2,860	1,197 / 4,070 / 4,070	1,378 / 5,330 / 5,330	1,352 / 5,860 / 5,860	1,150 / 3,910 / 3,910	1,358 / 5,250 / 5,250
	Nominal Current Input *1)	Heating(Min/Sta/Max)	A	2.1 / 9.9 / 9.9	2.9 / 11.7 / 11.7	3.0 / 14.4 / 14.4	3.3 / 17.1 / 17.1	1.0 / 4.1 / 4.1	1.2 / 5.1 / 5.1
		Cooling(Min/Sta/Max)	A	3.3 / 13.5 / 13.5	5.2 / 17.7 / 17.7	6.0 / 23.2 / 23.2	5.9 / 25.5 / 25.5	1.8 / 6.1 / 6.1	2.1 / 8.2 / 8.2
		COP(Heating) *1)	W	4.30	4.60	4.35	4.20	4.60	4.35
		EER(Cooling) *1)	W	3.50	3.32	3.00	2.90	3.45	3.05
Performance (A2W, Low Temperature)	A2/W35	Heating Capacity	W	6,850	8,820	10,320	11,070	8,820	10,320
		COP	WW	2.76	3.17	3.08	2.93	3.17	2.93
	A-7/W35	Heating Capacity	W	7,540	9,580	11,400	12,280	9,580	11,400
		COP	WW	2.25	2.48	2.29	2.18	2.48	2.18
Performance (A2A)	Nominal Capacity	Cooling	W	-	-	-	-	-	-
		Btu/h	-	-	-	-	-	-	-
	Allowable No. of Indoor Units	EA	-	-	-	-	-	-	-
	COP(Heating) *3)	WW	-	-	-	-	-	-	-
Electric Specification	MCA	A	22.0	28.0	30.0	32.0	10.0	11.0	12.0
	MFA	A	27.5	35.0	37.5	40.0	12.5	13.8	15.0
Water Side	Heat Exchanger	Type	-	Brazed Plate	Brazed Plate	Brazed Plate	Brazed Plate	Brazed Plate	Brazed Plate
		Quantity	-	1	1	1	1	1	1
	Required Water Pressure	bar	-	Max. 2.8	Max. 2.8	Max. 2.8	Max. 2.8	Max. 2.8	Max. 2.8
	Required Flow Rate	LPM	-	Min. 16.0	Min. 16.0	Min. 16.0	Min. 16.0	Min. 16.0	Min. 16.0
	Flow Switch	LPM	-	16 ± 1.5(Magnetic, Decreasing)	16 ± 1.5(Magnetic, Decreasing)	16 ± 1.5(Magnetic, Decreasing)	16 ± 1.5(Magnetic, Decreasing)	16 ± 1.5(Magnetic, Decreasing)	16 ± 1.5(Magnetic, Decreasing)
	Piping Connections	In/Out Φ, inch	-	1 (BSPP male)	1 (BSPP male)	1 (BSPP male)	1 (BSPP male)	1 (BSPP male)	1 (BSPP male)
Refrigerant Side	Compressor	Type	-	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter
		Model	-	UG5T450FX	UG5T450FX	UG5T450FX	UG5T450FX	UG5T450FX	UG5T450FX
	Oil	Type	-	POE	POE	POE	POE	POE	POE
	Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	R410A
		Factory Charging g	-	1,400	2,200	2,200	2,200	2,200	2,200
	Piping Connections	Liquid Φ, mm	-	-	-	-	-	-	-
		Φ, inch	-	-	-	-	-	-	-
		Gas Φ, mm	-	-	-	-	-	-	-
		Φ, inch	-	-	-	-	-	-	-
	Installation Limitation	Length m	-	-	-	-	-	-	-
		Height m	-	-	-	-	-	-	-
Base Heater	Capacity	W	-	150	150	150	150	150	150
	Sound Pressure *3)	Heating	dB(A)	50	50	52	53	50	52
Sound		Cooling	dB(A)	51	51	53	54	51	53
	Sound Power	dB(A)	-	66	66	68	70	66	68
External Dimension	Weight	Net	kg	75	103	103	103	103	103
		Gross	kg	83	113	113	113	113	113
	Dimensions (WxHxD)	Net	mm	940 x 998 x 330	940 x 1,420 x 330	940 x 1,420 x 330	940 x 1,420 x 330	940 x 1,420 x 330	940 x 1,420 x 330
		Gross	mm	995 x 1,096 x 426	995 x 1,548 x 426	995 x 1,548 x 426	995 x 1,548 x 426	995 x 1,548 x 426	995 x 1,548 x 426
Operating Range	Ambient (A2W)	Heating	°C	-20~35	-20~35	-20~35	-20~35	-20~35	-20~35
		Cooling	°C	10~46	10~46	10~46	10~46	10~46	10~46
		DRHW	°C	-20~43	-20~43	-20~43	-20~43	-20~43	-20~43
	Ambient (A2A)*	Heating	°C	-	-	-	-	-	-
		Cooling	°C	-	-	-	-	-	-
	Leaving Water	Heating	°C	25~55	25~55	25~55	25~55	25~55	25~55
		Cooling	°C	5~25	5~25	5~25	5~25	5~25	5~25

*1)~2) A2W rating conditions in accordance with Eurovent Rating Standard for Liquid Chilling Packages 6/C/003-2008.
*1) A2W Condition #1 : (Heating) Water In/Out 30°C/35°C, Outdoor Air 7°CDB/6°CWB; (Cooling) Water In/Out 23°C/18°C, Outdoor Air 35°CDB.
*2) A2W Condition for ESEER(Cooling) at Water Out 18°C.
*3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.




























Mono Cylinder Unit

Model		Standard	
		NH200CHXEA	NH300CHXEA
Pressure Vessel	Material Quality	-	AISI 444 / DIN 1.4521
	Volume Capacity	Liter	198
Power Supply	Φ, #, V, Hz	1, 2, 220-240, 50	287
Electric Element	Capacity	kW	3.0
	Material	-	Incoloy 825
	Thermostat #1 (Auto)	°C	40-70 (60 preset)
	Thermostat #2 (Manual)	°C	40-70 (60 preset)
Heating Coil	Material Quality	-	Duplex LDX 2101
	Heating Area	m ²	0.8
Heating Coil for Solar	Material Quality	-	-
	Heating Area	m ²	-
Insulation	Material Quality	-	PUR
	Thickness	mm	40
Insulation Jacket	Material Quality	-	Epoxy-coated mild steel-white
Dimensions Overall	Diameter	mm	692 x 1,200 x 702
	Cold Water Inlet (pipe)	Φ, mm	22
Connections	Hot Water Outlet	Φ, inch	3/4 (BSPP)
	Flow & Return (pipe)	Φ, mm	28
	Sensor Poket(s)	mm	Ø8.05mm Inside, 1/2" Thread
Weight	Net	kg	67
	Gross	kg	80
Max. Water Temperature		°C	70
Pre-plumbed parts	Water Pump	-	Wilo RS 25/7
	2way valve	-	Honeywell V4043
	Temp. & Pressure Relief Valve	-	90°C & 10.0bar
	Pressure Reducing Valve	bar	3.0
	Relief Pressure	bar	2.1
	Strainer	mesh	25
Packaged part	Flow Switch	-	Sika VH9342
Room thermostat & receiver	Wireless Room Thermostat	-	Danfoss TP5000 Si RF
	RF Receiver for Thermostat	-	Danfoss RX1
Timer controller		-	Danfoss FP715 Si
Other	Packaging	-	Eco Foam-PUF
	Adjustable Legs	pcs	3

Mono Control Kit








Model		MIM-E03A	
		EHS Mono Type	
Power Supply		Φ, #, V, Hz	1, 2, 220-240, 50
External Dimension	Weight	Net	kg
		Gross	kg
	Dimensions (WxHxD)	Net	mm
		Gross	mm
External Control	Booster Heater	-	AC 230V (Max 20A)
	Back up Heater / Boiler	-	AC 230V (Max 0.5A)
	Water Pump	-	AC 230V (Max 2A)
	2way or 3way Valve	-	AC 230V (Max 0.5A / 120W)
	Room Thermostat	-	AC 230V (Max 10mA)
	Solar Pump	-	AC 230V (Max 10mA)

Control System

















CLASSIFICATION		PRODUCT	MODEL	IMAGE	APPLICATION MODEL		
Integrated Management System	Controller	DMS 2	MIM-D00A		DVM Series, FJM, CAC, ERV, ERV PLUS		
		S-NET 3	MST-P3P		DVM Series, FJM, CAC, ERV, ERV PLUS		
		S-NET Mini	MST-S3W		DVM Series, FJM, CAC, ERV, ERV PLUS		
	Interface Module	PIM	MIM-B16		DVM Series, FJM, CAC		
		SIM	MIM-B12		DVM Series, FJM		
System Controller	Centralized Control System	Function Controller	MCM-A100		DVM Series, FJM, CAC, ERV		
		Centralized Controller	MCM-A202D		DVM Series, FJM, CAC, ERV, ERV PLUS		
		Operation Mode Selection Switch	MCM-C200		DVM Series (Except HR Models)		
		Interface Module	Centralized Control Interface Module	MIM-B13D		DVM Series, FJM, CAC, ERV, ERV PLUS	
				MIM-B13E		DVM Series, FJM, CAC, ERV	
	Individual Control System	Controller	Wired Remote Controller	MWR-WE10		Cassette, Wall-mounted, Ceiling, Duct, Console, ERV, ERV PLUS	
			Wired Remote Controller	MWR-WH00		Cassette, Wall-mounted, Ceiling, Duct, Console	
			Simplified Wired Remote Controller	MWR-SH00		Cassette, Wall-mounted, Ceiling, Duct, Console	
			ERV Wired Remote Controller	MWR-VH02		ERV	
			Wireless Remote Controller	MR-DH00		Cassette, Wall-mounted, Ceiling, Duct(Receiver Needed), Console	
			ERV CO ₂ Sensor	MOS-C1		ERV, ERV PLUS	
			Wireless Signal Receiver	MRK-A00		Duct (For Wireless Remote Controller)	
			Wireless Signal Receiver Wire	MRW-10A		Duct (For Wireless Remote Controller)	
			7 Day Scheduler	MWR-BS00		Cassette, Wall-mounted, Ceiling, Duct	
			External Room Sensor	MRW-TA		Cassette, Wall-mounted, Ceiling, Duct, Console	
		Interface Module	RAC Extension Board	MIM-A00		FJM (For Connecting Wired Remote Controller and External Contact Interface Module)	
		Building Management System	Building Management Module	LonWorks Interface Module	MIM-B07		DVM Series, FJM
				LonWorks Gateway	MIM-B18		DVM Series, FJM, CAC, ERV
				BACnet Gateway	MIM-B17		DVM Series, FJM, CAC, ERV
			Guestroom Management Module	KEY-TAG Interface Module	MIM-B02		DVM Series, FJM
	External Contact Interface Module			MIM-B14		DVM Series, FJM, CAC	
	Converter		Converter Unit	MIM-C02		DVM Series, FJM, CAC	

*DVM Series : DVM Mini, DVM PLUS IV, DVM PLUS IV HR

Accessories

Classification	Image	Model	Description	Relevant Unit	Remark
Y- joint		MXJ-YA1509K	15kW and below	DVM PLUS IV, DVM PLUS IV HR	Requisite
		MXJ-YA2512L	Over 15.0 ~ 40.6kW and below		
		MXJ-YA2812K	Over 40.6 ~ 46.4 kW and below		
		MXJ-YA2815K	Over 46.4 ~ 69.6 kW and below		
		MXJ-YA3119K	Over 69.6 ~ 98.6 kW and below		
		MXJ-YA3819K	Over 98.6 ~ 139.2 kW and below		
		MXJ-YA4422K	Over 139.2 kW		
Y-joint (High Pressure Gas) for DVM PLUS IV HR module		MXJ-YA1500K	23.2 kW and below	DVM PLUS IV HR	Requisite
		MXJ-YA2500K	Over 23.2 ~ 69.6 kW and below		
		MXJ-YA3100K	Over 69.6 ~ 139.2 kW and below		
		MXJ-YA3800K	Over 139.2 kW		
Outdoor Joint (Outdoor Connection)		MXJ-T3819K	Below 48 HP	DVM PLUS IV, DVM PLUS IV HR (Module)	Requisite
		MXJ-T4422K	Over 50 HP		
Outdoor Joint (High Pressure Gas) for DVM PLUS IV HR Module		MXJ-T3100K	Below 48 HP	DVM PLUS IV HR (Module)	
		MXJ-T3800K	Over 50 HP		
Header Joint		MXJ-HA3819K	Over 69.7 kW	DVM PLUS IV, DVM PLUS IV HR	Option
		MXJ-HA3115K	Below 69.6 kW		
		MXJ-HA2512K	Below 46.4 kW		
MCU Kits		MCU-Y4NEE	Below 4 indoor units	DVM PLUS IV HR	
		MCU-Y4NEE1	Below 4 indoor units		
		MCU-Y6NEE	Below 6 indoor units		
EEV Kits		MXD-A13K116A	Below 3.6 kW (1 Room) + 5.6 kW ~ 9.0 kW (1Room)	Wall-mounted & Ceiling indoor unit (For 2 indoor units)	Option
		MXD-A13K200A	Below 3.6 kW (2 Rooms)		
		MXD-A16K200A	5.6 kW~9.0 kW (2Rooms)		
		MXD-A22K200A	Over 9.0 kW (2Rooms)		
		MXD-A13K216A	Below 3.6 kW (2 Rooms) + 5.6 kW ~ 9.0 kW (1Room)	Wall-mounted & Ceiling indoor unit (For 3 indoor units)	Option
		MXD-A13K300A	Below 3.6 kW (3 Rooms)		
		MXD-A16K213A	Below 3.6 kW (1 Room) + 5.6 kW ~ 9.0 kW (2Rooms)		
		MXD-A16K300A	5.6 kW ~ 9.0 kW (3Rooms)		
		MEV-A13SA	Below 3.6 kW (1 Room)	Wall-mounted & Ceiling indoor unit (For single unit)	Option
		MEV-A16SA	5.6 kW ~ 9.0 kW (1Room)		

Accessories

Classification	Image	Model	Description	Relevant Unit	Remark		
Drain Pump		MDP-E075SEE3	Slim Duct (2.0 ~ 14.0 kW)	-	Option		
		MDP-M075SGU1	M.S.P Duct (9.0/11.2 kW)				
		MDP-M075SGU2	M.S.P Duct (12.8/14.0 kW)				
		MDP-M075SGU3	M.S.P Duct (5.6/7.1 kW)				
PDM Kits (High Elevation Kits)		MXD-A38K2A	DVM PLUS IV (8~12 HP)	-	Option		
		MXD-A12K2A	DVM PLUS IV (14~16 HP)				
		MXD-A58K2A	DVM PLUS IV (18~20 HP)				
AHU Kits		MXD-A16K1X025A	7.0 ~ 8.75 kW AHU	-	Option		
		MXD-A22K1X050A	14.0 ~ 17.5 kW AHU				
		MXD-A22K2X075A	21.0 ~ 26.25 kW AHU				
		MXD-A22K2X100A	28.0 ~ 35.0 kW AHU				
Humidifier		MVO-VA050100	RHF050KHEA	-	Option		
		MVO-VA100100	RHF100KHEA				
Front Panel		PC4NUSKA	4Way Cassette S - Waffle	Not compatible with conventional 4Way Cassette	Requisite		
		PC4NUSKE	4Way Cassette S - Classic				
		PC4NBSKA	4Way Cassette S - Black				
		PC4SUSMA	Mini 4Way Cassette S				
		PC4SUSME	Mini 4Way Cassette S				
		PMSMA	Mini 4Way Cassette				
		PSSMA	Slim 1Way Cassette			-	Requisite
		PC1NUPMA	Slim 1Way Cassette				
		P2SMA	2Way Cassette				
S-Plasma ion		MSD-CAN1	4Way Cassette S	-	Option		
		MSD-EAN1	ERV, ERV Plus				
Motion Detect Sensor		MCR-SMA	Mini 4Way Cassette S	-	Option		

Memo

2013 SAMSUNG SYSTEM AIR CONDITIONER

DVM Specification - Indoor Units

DVM PLUS IV HP COMPACT MODULE													
COMPACT MODULE	IMAGE	MODEL	CAPACITY	MODULE				MODULE					
				62	64	66	68	70	72	74	76	78	80
		RD080*	8 HP										
		RD100*	10 HP	1									
		RD120*	12 HP	1	2	1	1	1	1				
		RD140*	14 HP			1				1			
		RD160*	16 HP				1				1		
		RD180*	18 HP					1				1	
		RD200*	20 HP	2	2	2	2	2	3	3	3	3	4

* If you wish to install outdoor unit module with capacity over 60 HP, please contact local Samsung Dealer.

DVM Specification - Outdoor Units



DVM PLUS IV

- High Efficiency
- Large Capacity
- Advanced and Reliable Protection
- Easy Installation & Maintenance
- Eco-friendly
- Comfortable Operation
- Premium Quality Control Heat Recovery

DVM PLUS IV HP COMPACT MODULE								
Model Name		DVM PLUS IV HP		RD620*		RD640*		
		DVM PLUS IV HP		RD620*		RD640*		
Power Supply		Φ, #, V, Hz		3, 4, 380~415, 50		3, 4, 380~415, 50		
Mode		-		Heat Pump		Heat Pump		
Performance	HP	HP		62		64		
		kW		173.6		179.2		
	Capacity (Nominal)	Cooling	Btu/h		592400		611500	
			kW		195.3		201.6	
		Heating	Btu/h		666400		687900	
Power	Power Input (Nominal)	Cooling		50.24		52.4		
		Heating	kW	44.39		46		
	Current Input (Nominal)	Cooling		98.6		105.6		
		Heating	A	89.3		95		
	Circuit Breaker (MCCB+ELB / ELCB)		A		175		175	
COP	Nominal Cooling	-		3.46		3.42		
	Nominal Heating	-		4.4		4.38		
Fan	Air Flow Rate	CMM		(173) x 1 + (210) x 1 + (275) x 2		(210) x 2 + (275) x 2		
Piping Connections	Liquid Pipe	Φ, mm		22.23		22.23		
	Gas Pipe	Φ, mm		44.45		44.45		
	Discharge Gas Pipe	(DVM PLUS IV HR)	Φ, mm	38.1		38.1		
	Oil Equalizing Pipe	Φ, mm		6.35		6.35		
	Installation Limitation	Max. Length	m	200		200		
		Max. Height	m	110 (40)*		110 (40)*		
Refrigerant	Type	-		R410a		R410a		
	Factory Charging	kg		27		27		
Sound	Sound Pressure	dB(A)		-		-		
External Dimension	Net Weight	DVM PLUS IV HP	kg	(237) x 1 + (240) x 1 + (349) x 2		(240) x 2 + (349) x 2		
		DVM PLUS IV HR	kg	(252) x 1 + (255) x 1 + (370) x 2		(255) x 2 + (370) x 2		
	Shipping Weight	DVM PLUS IV HP	kg	(880 x 1695 x 765) x 2 + (1295 x 1695 x 765) x 2		(880 x 1695 x 765) x 2 + (1295 x 1695 x 765) x 2		
		DVM PLUS IV HR	kg	(948 x 1912 x 832) x 2 + (1363 x 1912 x 832) x 2		(948 x 1912 x 832) x 2 + (1363 x 1912 x 832) x 2		
	Net Dimensions (WxHxD)		mm		-5 ~ 48		-5 ~ 48	
Shipping Dimensions (WxHxD)		mm		-20 ~ 24		-20 ~ 24		
Operating Temp. Range	Cooling	°C		-5 ~ 48		-5 ~ 48		
	Heating	°C		-20 ~ 24		-20 ~ 24		

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
* If you wish to install an outdoor unit module with a capacity of over 60 HP, then please contact your local Samsung Dealer.
* The maximum height of installation limitation for piping connections is only allowable when using PDM kits.

DVM Specification - Outdoor Units

DVM PLUS IV HP COMPACT MODULE

Model Name				DVM PLUS IV HP	RD660*	RD680*	RD700*	RD720*	RD740*
				DVM PLUS IV HP	RD660*	RD680*	RD700*	RD720*	RD740*
Power Supply				Φ, #, V, Hz	3, 4, 380~415, 50	3, 4, 380~415, 50	3, 4, 380~415, 50	3, 4, 380~415, 50	3, 4, 380~415, 50
Mode					-	Heat Pump	Heat Pump	Heat Pump	Heat Pump
Performance	HP			HP	66	68	70	72	74
				kW	184.8	190.4	196	201.6	207.2
				Cooling					
				Btu/h	630600	649700	668800	687900	707000
Performance	Capacity (Nominal)			kW	207.9	214.2	220.5	226.8	233.1
				Heating					
				Btu/h	709400	730900	752400	773900	795400
Power	Power Input (Nominal)			Cooling	53.3	55.2	58.9	60.2	61.1
				kW	47.15	48.8	50.4	52	53.15
				Heating					
				A	106.5	107.6	116.9	118.4	119.3
Power	Current Input (Nominal)			Cooling	96	103.8	103.3	105.7	106.7
				Heating					
				A	175	175	200	200	200
COP	Nominal Cooling			-	3.47	3.45	3.33	3.35	3.39
				-	4.41	4.39	4.38	4.36	4.39
Fan	Air Flow Rate			CMM	(210) x 2 + (275) x 2	(210) x 1 + (250) x 1 + (275) x 2	(210) x 1 + (270) x 1 + (275) x 2	(210) x 1 + (275) x 3	(210) x 1 + (275) x 3
Piping Connections	Liquid Pipe			Φ, mm	22.23	22.23	22.23	22.23	22.23
				Gas Pipe	50.8	50.8	50.8	50.8	50.8
				Discharge Gas Pipe (DVM PLUS IV HR)	Φ, mm	44.45	44.45	44.45	44.45
				Oil Equalizing Pipe	Φ, mm	6.35	6.35	6.35	6.35
				Max. Length	m	200	200	200	200
				Max. Height	m	110 (40)*	110 (40)*	110 (40)*	110 (40)*
Refrigerant	Type			-	R410a	R410a	R410a	R410a	R410a
Sound	Factory Charging			kg	29	29	30.5	30.5	32.5
				dB(A)	-	-	-	-	-
External Dimension	Net Weight			DVM PLUS IV HP	kg	(240) x 1 + (280) x 1 + (349) x 2	(240) x 1 + (329) x 1 + (349) x 2	(240) x 1 + (340) x 1 + (349) x 2	(280) x 1 + (349) x 3
				DVM PLUS IV HR	kg	(255) x 1 + (301) x 1 + (370) x 2	(255) x 1 + (349) x 1 + (370) x 2	(255) x 1 + (360) x 1 + (370) x 2	(301) x 1 + (370) x 3
				DVM PLUS IV HP	kg	(880 x 1695 x 765) x 1 + (1295 x 1695 x 765) x 3	(880 x 1695 x 765) x 1 + (1295 x 1695 x 765) x 3	(880 x 1695 x 765) x 1 + (1295 x 1695 x 765) x 3	(1295 x 1695 x 765) x 4
				DVM PLUS IV HR	kg	(948 x 1912 x 832) x 1 + (1268 x 1912 x 832) x 1 + (1363 x 1912 x 832) x 2	(948 x 1912 x 832) x 1 + (1363 x 1912 x 832) x 3	(948 x 1912 x 832) x 1 + (1363 x 1912 x 832) x 3	(1268 x 1912 x 832) x 1 + (1363 x 1912 x 832) x 3
				mm	-5 ~ 48	-5 ~ 48	-5 ~ 48	-5 ~ 48	-5 ~ 48
				mm	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24
Operating Temp. Range	Cooling			°C	-5 ~ 48	-5 ~ 48	-5 ~ 48	-5 ~ 48	-5 ~ 48
				°C	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24

DVM PLUS IV HP COMPACT MODULE

Model Name				DVM PLUS IV HP	RD760*	RD780*	RD800*
				DVM PLUS IV HP	RD760*	RD780*	RD800*
Power Supply				Φ, #, V, Hz	3, 4, 380~415, 50	3, 4, 380~415, 50	3, 4, 380~415, 50
Mode					-	Heat Pump	Heat Pump
Performance	HP			HP	76	78	80
				kW	212.8	218.4	224
				Cooling			
				Btu/h	726200	745300	764400
Performance	Capacity (Nominal)			kW	239.4	245.7	252
				Heating			
				Btu/h	816900	838400	859900
Power	Power Input (Nominal)			Cooling	63	66.7	68
				kW	54.8	56.4	58
				Heating			
				A	120.4	129.7	131.2
Power	Current Input (Nominal)			Cooling	114.5	114	116.4
				Heating			
				A	200	200	200
COP	Nominal Cooling			-	3.38	3.27	3.29
				-	4.37	4.36	4.34
Fan	Air Flow Rate			CMM	(250) x 1 + (275) x 3	(270) x 1 + (275) x 3	(275) x 4
Piping Connections	Liquid Pipe			Φ, mm	22.23	22.23	22.23
				Gas Pipe	50.8	50.8	50.8
				Discharge Gas Pipe (DVM PLUS IV HR)	Φ, mm	44.45	44.45
				Oil Equalizing Pipe	Φ, mm	6.35	6.35
				Max. Length	m	200	200
				Max. Height	m	110 (40)*	110 (40)*
Refrigerant	Type			-	R410a	R410a	R410a
Sound	Factory Charging			kg	32.5	34	34
				dB(A)	-	-	-
External Dimension	Net Weight			DVM PLUS IV HP	kg	(329) x 1 + (349) x 3	(349) x 4
				DVM PLUS IV HR	kg	(349) x 1 + (370) x 3	(370) x 4
				DVM PLUS IV HP	kg	(1295 x 1695 x 765) x 4	(1295 x 1695 x 765) x 4
				DVM PLUS IV HR	kg	(1363 x 1912 x 832) x 4	(1363 x 1912 x 832) x 4
				mm	-5 ~ 48	-5 ~ 48	-5 ~ 48
				mm	-20 ~ 24	-20 ~ 24	-20 ~ 24
Operating Temp. Range	Cooling			°C	-5 ~ 48	-5 ~ 48	-5 ~ 48
				°C	-20 ~ 24	-20 ~ 24	-20 ~ 24

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.
* If you wish to install an outdoor unit module with a capacity of over 60 HP, then please contact your local Samsung Dealer.
* The maximum height of installation limitation for piping connections is only allowable when using PDM kits.